

Welcome

This user guide describes the many features in your handset.



MOTOROLA and the Stylised M Logo are registered in the US Patent & Trademark Office. All other product or service names are the property of their respective owners. The Bluetooth trademarks are owned by their proprietor and used by Motorola, Inc. under licence. Java and all other Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries. © Motorola, Inc. 2003.

Software Copyright Notice

The Motorola products described in this manual may include copyrighted Motorola and third party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola and third party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in the Motorola products may not be modified, reverse-engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of the Motorola products shall not be deemed to grant either directly or by implication, estoppel, or otherwise, any licence under the copyrights, patents, or patent applications of Motorola or any third party software provider, except for the normal, non-exclusive, royalty-free licence to use that arises by operation of law in the sale of a product.

Contents

Menu Map	7
Getting Started	16
What's in the Box?	16
About This Guide	16
Installing the UICC or SIM Card	16
Installing the Battery	18
Charging the Battery	19
Battery Use	19
Turning Your Handset On	21
Adjusting Volume	22
Making and Answering Calls	22
Viewing Your Phone Number	23
Learning to Use Your Handset	24
Using the Display	24
Using the 5-Way Navigation Key	27
Using the Video Call and Triangle Keys	28
Using Menus	28
Entering and Editing Text	31
Choosing a Text Entry Method	40
Locking and Unlocking Your Handset	41
Changing Your Unlock Code	43
If You Forget Your Unlock Code	44
Locking and Unlocking the Keypad	44
Taking and Viewing Pictures	45
Recording and Viewing Videos	47
Making Video Calls	49
Using AGPS Location Information	50
Setting Up Your Handset	53
Storing Your Name and Phone Number	53
Setting the Time and Date	53
Setting a Ring Style	53

Setting a Wallpaper Image	54
Setting a Screen Saver Image	54
Setting Display Colour	55
Adjusting Lights on Your Phone	55
Setting Your Display Timeout	56
Conserving Battery Power	57
Calling Features	58
Changing the Active Line	58
Redialling a Number	58
Using Automatic Redial	58
Using Caller ID	59
Cancelling an Incoming Call	60
Turning Off a Call Alert	60
Calling an Emergency Number	60
Dialling International Numbers	61
Viewing Recent Calls	61
Returning an Unanswered Call	63
Using the Notepad	64
Attaching a Number	64
Calling with Speed Dial	65
Calling with 1-Touch Dial	65
Using Voicemail	65
Using Call Waiting	66
Putting a Call on Hold	67
Transferring a Call	67
Messages and Email	69
Setting Up the Message Inbox	69
Creating and Sending Messages	75
Viewing Message Status	78
Receiving Messages	79
Reading, Locking, or Deleting Messages	80
Setting Up Your Contacts	83
Viewing Entry Details	83
Creating a Contacts Entry	84

Storing a PIN Code with a Phone Number	86
Recording a Voice Name For a Contacts Entry	87
Dialling a Contacts Entry	88
Editing a Contacts Entry	89
Using Contacts Categories	90
Showing or Hiding Private Entries	93
Sorting the Contacts List	93
Setting the Primary Number for a Contacts Entry	94
Copying Contacts Entries	95
Checking Contacts Capacity	97
Setting 1-Touch Dial Preference	97
Sending an Entry	98
Synchronising Your Contacts	98
Personalising Your Handset	99
Personalising a Ring Style	99
Activating Ringer IDs	99
Setting Ringer or Keypad Volume	100
Setting Reminders	100
Activating Haptic Vibrations	101
Creating and Editing Alert Tones	101
Personalising Display Text	106
Setting the Menu View	106
Personalising the Menu	106
Personalising Soft Keys	107
Setting the Menu Language	107
Setting Menu Scroll Behaviour	108
Setting Menu Animation	108
Resetting All Options	108
Clearing All Stored Information	108
Creating and Using Shortcuts	109
Getting More Out of Your Handset	112
Making a Conference Call	112
Diverting a Call	113
Barring a Call	114
Using Fixed Dial	115

Service Dialling	116
Quick Dialling	116
Using DTMF Tones	117
Monitoring Handset Use	117
Using Hands Free Features	121
Using Applications During a Call	123
Connecting Your Handset to an External Device	124
Data Calls	129
Using Sync	131
Sending Files from Your Handset	132
Adjusting Network Settings	132
Monitoring Battery Charge	132
Viewing Handset Specifications	133
Personal Organiser Features	134
Calendar	134
Calculator and Currency Converter	140
Security	142
Line Security	142
Locking the SIM Card	142
Locking and Unlocking Applications	143
News and Entertainment	145
Mobile Internet	145
Java Applications	149
Games	153
SIM Applications	154
Troubleshooting	155
Specific Absorption Rate Data	162
Warranty Information	164
Index	169

Menu Map

Main Menu



Tools



Calendar



Calculator



Web Access

- Browser
- Web Shortcuts
- Stored Pages
- History
- Goto URL
- Browser Setup



Shortcuts



Quick Menu



SIM Apps



Recent Calls



Games & Apps



Ring Styles



Messages



Multimedia



Videos



Pictures



Sounds



Camera



Video Camera



Connection









Contacts



Settings

(see next page)

Note: This is the standard phone menu layout. Menu organisation and feature names may vary on your phone. Not all features may be available for all users.

Shortcuts
Lock/unlock keypad: Press  
Display my phone number: Press  
Go to dialled calls list: Press 
Exit menu system: Press 

See page 109 for more about Shortcuts

Settings Menu



Personalise

Main Menu
Home Keys
Colour Style
Greeting
Banner
Banner Graphic
Wallpaper
Screen Saver
Quick Dial



Lights

Call-Light ID
Notice Lights



Call Divert

Voice Calls
Fax Calls
Data Calls
Cancel All
Divert Status



In-Call Setup

In-Call Timer
Call Cost Setup
My Caller ID
Answer Options
Call Waiting
Msg Alert



Initial Setup

Time and Date
VideoGateway
1-Touch Dial
Auto Redial
Display Timeout
Backlight
Scroll
Animation
Vibe Sync
Language
Battery Save
DTMF
Master Reset
Master Clear



Phone Status

My Tel. Number
Active Line
Battery Meter
User Account
Storage Devices
Location
Other Information



Headset

Auto Answer
Ringer Options



Car Settings

Auto Answer
Auto Handsfree
Power Off Delay
Charger Time



Network

New Network
Network Setup
Available Networks
Service Tone
Call Drop Tone



Security

Phone Lock
Lock Keypad
Lock Application
Fixed Dial
Restrict Calls
Call Barring
SIM PIN
SIM PIN2
Universal PIN
WIM PINs
New Passwords



Java Settings

Java System
Network Access
DNS IP



Dialling Services

Barred Dial
Fixed Dial
Service Dial
Quick Dial

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR PHONE.

The information provided in this document supersedes the general safety information in user guides published prior to December 1, 2002.

Exposure To Radio Frequency (RF) Energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Your Motorola phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Operational Precautions

To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards, always adhere to the following procedures.

External Antenna Care

Use only the supplied or Motorola-approved replacement antenna. Unauthorised antennas, modifications, or attachments could damage the phone.

Do NOT hold the external antenna when the phone is IN USE. Holding the external antenna affects call quality and may cause the phone to operate at a higher power level than needed. In addition, use of unauthorised antennas may result in non-compliance with the local regulatory requirements in your country.

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline telephone.

Body-Worn Operation

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines. If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 1 inch (2.5 centimetres) from your body when transmitting.

Data Operation

When using any data feature of the phone, with or without an accessory cable, position the phone and its antenna at least 1 inch (2.5 centimetres) from your body.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries and antenna, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at www.Motorola.com.

RF Energy Interference/Compatibility

Note: *Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.*

Facilities

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care

facilities that may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (15 centimetres) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimetres) from your pacemaker when the phone is turned ON.
- NOT carry the phone in the breast pocket.
- Use the ear opposite the pacemaker to minimise the potential for interference.
- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your GP may be able to assist you in obtaining this information.

Use While Driving

Check the laws and regulations on the use of phones in the area where you drive. Always obey them.

When using your phone while driving, please:

- Give full attention to driving and to the road.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Operational Warnings

For Vehicles With an Air Bag

Do not place a phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere, unless it is a phone type especially qualified for use in such areas and certified as “Intrinsically Safe.” Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note: *The areas with potentially explosive atmospheres referred to above include fuelling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Areas with potentially explosive atmospheres are often but not always posted.*





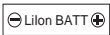
Blasting Caps and Areas

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted "Turn off electronic devices." Obey all signs and instructions.

Batteries

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewellery, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, bag, or other container with metal objects. **Use only Motorola original batteries and chargers.**

Your battery or phone may contain symbols, defined as follows:

Symbol	Definition
	Important safety information will follow.
	Your battery or phone should not be disposed of in a fire.
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Your battery or phone should not be thrown in the trash.
	Your phone contains an internal lithium ion battery.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to blinking lights, such as when watching television

or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor before playing video games on your phone or enabling a blinking-lights feature on your phone. (The blinking-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate blinking lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a blinking-lights feature if you are tired or need sleep.
- Take a minimum of a 15-minute break hourly.
- Play in a room in which all lights are on.
- Play at the farthest distance possible from the screen.

Repetitive Motion Injuries

When you play games on your phone, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

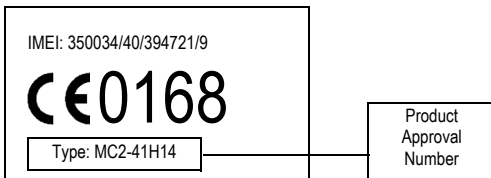
- Take a minimum 15-minute break every hour of game playing.
- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.
- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

European Union Directives Conformance Statement



Hereby, Motorola declares that this product is in compliance with

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- All other relevant EU Directives



The above gives an example of a typical Product Approval Number.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (the R&TTE Directive) at www.motorola.com/rtte - to find your DoC, enter the product Approval Number from your product's label in the "Search" bar on the Web site

Getting Started

What's in the Box?

Your digital wireless handset has a battery and typically comes equipped with a charger. Other accessories can customise your handset for maximum performance and portability.

About This Guide

Optional Features



Features marked with this label are optional network, SIM card, and/or subscription-dependent features. These features may not be offered in all geographical areas. Contact **3** for information about availability.

Optional Accessories



Features marked with this label require an optional Motorola Original™ accessory.

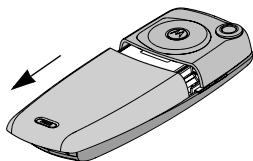
Installing the UICC or SIM Card

Your 3G UICC (Universal IC Card) contains your phone number, service details, and contacts/message memory. Your handset can use GSM SIM (Subscriber Identity Module) cards, but not all features will be available.

Caution: Do not bend or scratch your card. Avoid exposing your card to static electricity, water, or dirt.

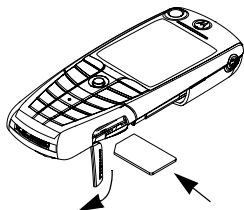
Do This

- 1 Push the battery door down to release it from the handset.



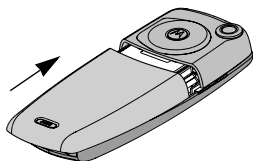
-
- 2 Open the card door on the right side of your phone.

- 3 Insert the card with the gold plate facing down and the notch as shown.



-
- 4 Close the card door.

-
- 5 Place the battery door back on the handset and push it up to snap it into place.



Installing the Battery

You must install and charge the battery to use your handset.

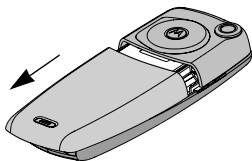


Caution: Your handset is designed to be used only with Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.

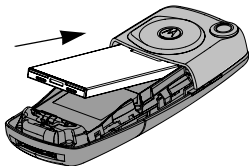
Do This

- 1 Remove the battery from its protective clear plastic case.

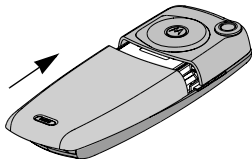
- 2 Push the battery door down to release it from the handset.



- 3 Insert the battery, printed arrow first, **under the tab** at the top of the battery compartment and push down.



- 4 Place the battery door back on the handset and push it up to snap it into place.



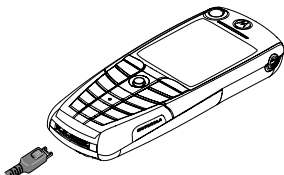
Charging the Battery

New batteries are partially charged. Before you can use your handset, install and charge the battery, as follows.

Note: Some batteries perform best after several full charge/discharge cycles.

Do This

- 1 Plug the travel charger into your handset with the release tab up.



-
- 2 Plug the other end of the travel charger into the appropriate electrical outlet.
 - 3 When your handset indicates **Charge Complete**, press the release tab and remove the travel charger.
-
-

Note: When you charge the battery, the battery level indicator in the upper right corner of the display shows the status of the charging process.

Battery Use

Battery performance depends on many factors, including 3's network configuration; signal strength; the temperature at which you operate your handset; the features and/or settings you select and use; and your voice, data, and other application usage patterns.

Battery Care

Caution: To prevent injuries or burns, do not allow metal objects to contact or short-circuit the battery terminals.

To maximise performance:

- Always use Motorola Original™ batteries and battery chargers. The handset warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.
- New batteries or batteries that have been stored for long periods of time may require a longer charge time.
- Maintain the battery at or near room temperature when charging.
- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your handset with you when you leave your vehicle.
- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.
- Over extended periods of time, batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to purchase a new battery.



The rechargeable batteries that power this product must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling centre for proper disposal methods. Never dispose of batteries in a fire because they may explode.

Turning Your Handset On

Do This



- 1 Press and hold the power key

Power
key




To

turn on your handset


-
- 2 If necessary, press  to scroll to the User Account you want, then press **SELECT** ()

select the user account you want from the list of accounts (stored on the SIM card)

-
- 3 If necessary, enter your SIM card PIN code and press **OK** ()

unlock your SIM card

Caution: If you enter an incorrect PIN code three times in a row, your SIM card is disabled and your handset displays **SIM Blocked**. Contact **3** (see page 143).

-
- 4 If necessary, enter your four-digit unlock code and press **OK** ()
-
-

unlock your handset

Adjusting Volume

Press the upper or lower volume keys to:

- increase and decrease earpiece or speakerphone volume during a call
- increase and decrease the ringer volume setting when the idle display is visible
- turn off an incoming call alert

Making and Answering Calls

This section describes basic calling features. To make video calls, see page 49. For more features, see page 58.

Making a Call

To call a number, your handset must:



- be turned on with the handset and keypad unlocked
- have a SIM card inserted and unlocked
- have a network connection with adequate signal strength

Press

1 keypad keys

To

dial the phone number (up to 32 digits)

Tip: If you make a mistake, press **DELETE** () to delete the last digit, or press and hold **DELETE** () to clear all digits.

2



(send key)

make the call

3



(end key)

end the call

Note: You can make an emergency call even when the handset is locked, or when a SIM card is not inserted. See page 60.



Answering a Call

To answer a call, your handset must:

- be turned on with the handset unlocked
- have a SIM card inserted and unlocked
- have a network connection with adequate signal strength


When you receive a call, your handset rings and/or vibrates and displays an incoming call message.

Press

1  or
ANSWER ()



To

answer the call

2  (end key)

end the call

Viewing Your Phone Number

To view your phone number in idle, press  .

While you are on a call, press  > **My Tel. Numbers**.

Your phone number must be stored on your SIM card to use this feature. To store your phone number on the SIM card, see page 53. If you do not know your phone number, contact your service provider.

Learning to Use Your Handset

See page 1 for a basic handset diagram.

Using the Display

The *idle display* (shown below) is the standard display when you are *not* on a call or using the menu.

Move the navigation key (⊙) up, down, left, or right for quick access:



The menu indicator (≡) at the bottom centre of the display indicates that you can press the menu key (⏏) to display a menu.

Labels at the bottom corners of the display show the current soft key functions. Press the left soft key (⏏) or right soft key (⏏) to perform the function indicated by the left or right soft key label.

At the top of the display are the following status indicators:

- ④ Service
- ③ Signal Security
- ② Data Service
- ① Signal Strength
- ⑤ Current Line
- ⑥ Text Case
- ⑦ Messages or Entry Method
- ⑧ AGPS Service
- ⑨ Alert Type
- ⑩ Battery Level



① Signal Strength Indicator Indicates the strength of your handset's connection with the network.

Strong      No signal

You cannot make or answer calls when the “no signal” indicator is displayed.



② Data Service Indicator Indicates when a packet data connection is available. This type of connection can allow faster data transfer speeds. The indicator does not mean that you are on a call; it indicates only that you are registered on the network with a packet

data connection.

③ Signal Security Indicator Indicates when you have a secure connection for packet data transfers, embedded application connections, or circuit switch data calls.



④ Service Indicator Indicates when your handset uses your home network (📶) or another network (🌐). When you leave your home network area, your handset *roams* or seeks another network.



⑤ Current Line Indicator Indicates when you have Voice Privacy on, a call in progress, or Call Diverting on. This icon also indicates which line is active (if you have a call on hold), and whether you have Caps Lock, Numeric Entry, or Symbol Entry switched on (when

entering text).

⑥ Text Case Indicator Indicates the text case when you are in a text editor.

abc No capital letters

ABC All capital letters

Abc Next letter capital

To change the case in a text entry display, press



⑦ Message or Entry Method Indicator Indicates when you have a new voice (📞) or text (📧) message waiting. When you enter a text message, a number here indicates how many more characters can fit in the message.

Any time you enter text, an icon here indicates the entry method: **Symbol** (!?@), **Numeric** (123), **Primary**, or **Secondary**:

Primary

Secondary

1

2

Tap, no capital letters

1↕

2↕

Tap, next letter capital

1↑

2↑

Tap, all capital letters

1□

2□

iTAP, no capital letters

1↕


2↕

iTAP, next letter capital

1↑


2↑


iTAP, all capital letters

To change the entry method, press  (see page 40).


8 AGPS Service Indicator Indicates when AGPS Service is off (grey icon), on (white icon), or on and finding your location (green icon).


9 Alert Type Indicator Indicates the current selected alert profile. The default alert setting is a ringer.

 = loud ring

 = soft ring

 = vibrate

 = ring and vibrate

 = silent

10 Battery Level Indicator Indicates the amount of charge left in the battery. The more bars visible, the greater the charge.

High




Empty

Recharge your battery as soon as possible when you see the **Low Battery** warning message and hear the low battery alert.

Note: When you charge the battery, the battery level indicator instead indicates how much of the charging process is complete. See page 19.

Using the 5-Way Navigation Key

Use the 5-way navigation key like a joystick to navigate the menu system, change feature settings, and play games.

Press it in to select a highlighted menu item. This press usually performs the same function as the right soft key ().

5-way
key



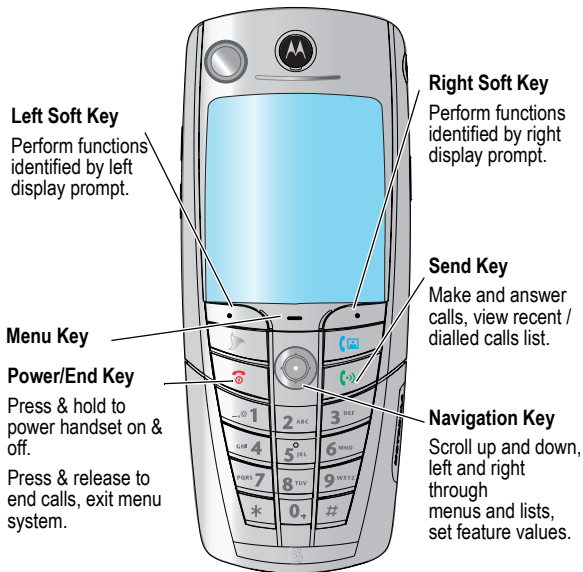
Tip: Down and up are the primary movements within menus. Move left and right to change feature settings, navigate the calendar, and edit text.


Using the Video Call and Triangle Keys

Your handset has special keys that provide access to important features. Enter a phone number and press the Video Call key (📺) to make a video call (see page 49). Pressing the **Triangle** key (▶) opens a menu of 3 services. Press ⬆ up and down to choose the service you want, then press **SELECT** (◉). To return to this menu when you are in a service, press ▶. To close it, press ⬅.

Using Menus

From the idle display, press ☰ to display the main menu.



Press  to highlight a menu feature icon in the main menu. The following icons represent features that may appear in the main menu.






Tip: To change this menu, see page 106.

Selecting a Menu Feature

Select a menu feature as follows, starting from the idle display:

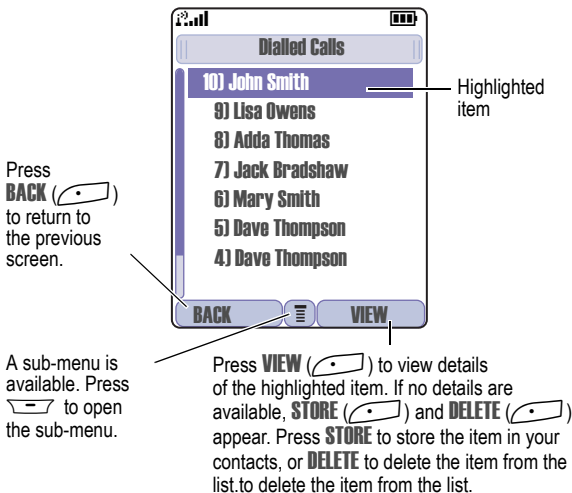
Find the Feature

 > **Multimedia**
> **Pictures**

This example shows that from the idle display, you must press , scroll to and select **Multimedia** () from the main menu, then scroll to and select **Pictures**. Use  to scroll, and the left/right soft corners of the display.

Selecting a Feature Option

Some features require you to select an item from a list.

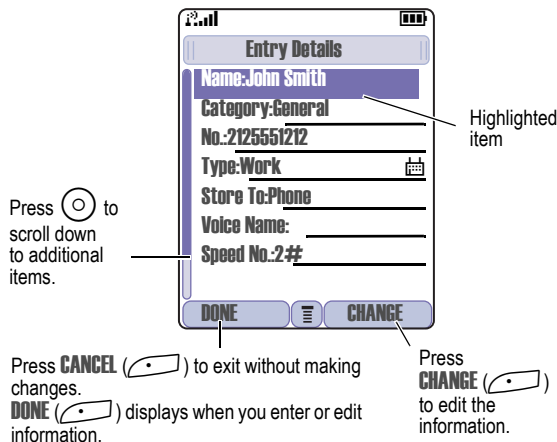


Select an item by highlighting it using one of the following:

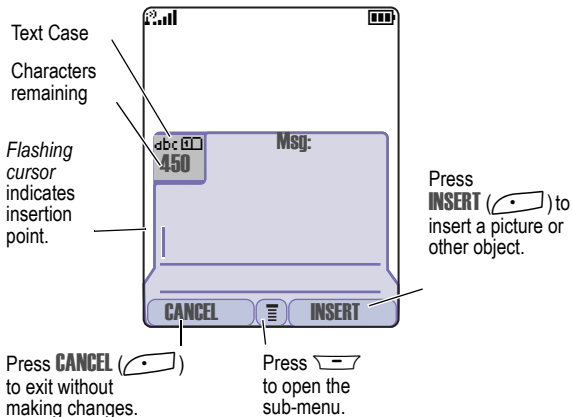
- Press (⬆) to scroll up or down to highlight an item.
- In a numbered list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list item.
- When an item has a list of possible values, press (⬅) to the left or right to scroll and select a value.
- When an item has a list of possible numeric values, press a number key to set the value.

Entering and Editing Text

Some features require you to enter information.







The message centre lets you compose and send text messages. A *flashing cursor* shows where text will appear.



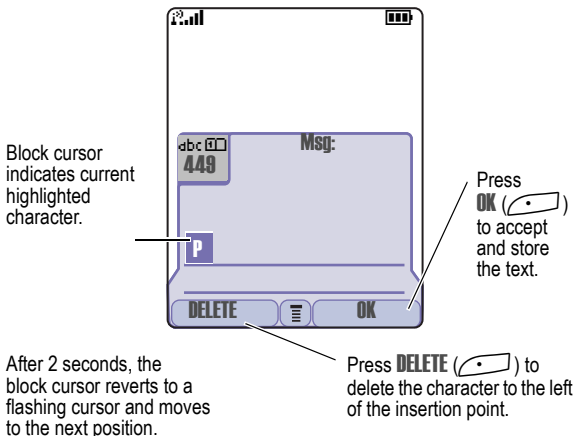
Using the Tap Method

This is the standard entry method for entering text on your handset.

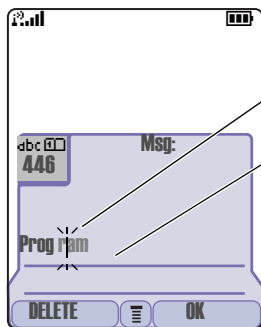
Press	To
1 A number key (one or more times)	select a letter, number, or symbol shown in the chart on page 34.
2 Number keys	enter remaining characters
	Tip: Press  right to accept a word completion, or  to insert a space
3 OK ()	store the text

In a text entry screen, you can press  to switch entry methods. An indicator tells you which method is active (see page 25). If **Tap Method** (1 or 2) is not available, see page 41.

When you enter text using the standard tap method, the flashing cursor changes to a *block cursor*, and the soft key functions change.



When you enter 3 or more characters in a row, your handset may guess the rest of the word. For example, if you enter **prog** you might see:












Flashing cursor indicates insertion point.



In **Tap**, press  to accept the word, or press  to reject it and enter a space after **prog**.


If you want a different word, such as **progress**, continue pressing number keys to enter the remaining characters.

Character Chart





Use this chart as a guide for entering spaces, numbers, letters, symbols, and other characters with the Tap method.

	space . 1 ? ! , @ _ & ~ : ; "
	- () ' ÿ i % £ \$ ¥ □ €
	a b c 2 ä å á à â ã α β ç
	d e f 3 δ ē é è ê φ
	g h i 4 ï í î γ
	j k l 5 λ
	m n o 6 ñ ö ø ó ò ô õ ω
	p q r s 7 π β σ
	t u v 8 θ ü ú ù û

	w x y z 9 ξ ψ
	+ - 0 x * / \ [] = > < # §

Note: This chart may not reflect the exact character set on your handset. In an email address or URL editor,  shows the common characters for that editor first.

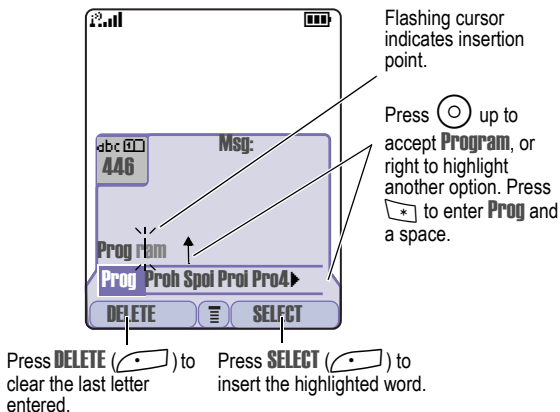
Tap Method Text Entry Rules

- Press a number key repeatedly to cycle through its characters. See the character chart on page 34.
- If you do not press a key for 2 seconds, the character in the block cursor is accepted, and the cursor moves to the next position.
- Press  left or right to move the flashing cursor to the left or right in a text message.
- The first character of every sentence is capitalised. To force the character to lowercase while it is highlighted by the block cursor, press  down.
- Your handset may support multiple languages. The current language setting determines whether a new message begins on the left or right side of the display. You can switch languages within a message. Press  to select the text entry method and language.
- If you enter or edit information and do not want to save your changes, press  to exit without saving.

Using iTAP™ Text Entry Method

iTAP™ is a predictive text entry method that lets you enter a word using one keypress per letter.

For example, if you press , letter combinations that match your key presses appear:



If you want a different word, such as **progress**, continue pressing number keys to enter the remaining characters.

Entering Words

In a text entry screen, you can press to switch entry methods. An indicator tells you which method is active (see page 25). If **ITAP** (or) is not available, see page 41.

Press

1 Number keys (one press per letter)

To

show possible letter combinations at the bottom of the display

2 right or left

highlight the combination you want

Press

3 **SELECT** ()

To

lock a highlighted combination

You can press number keys to add more letters to the end of the combination.

or





enter the highlighted combination when it spells a word

A space appears after the word.



If you enter a word your handset does not recognise, your handset stores it to use as one of your word options. When you fill memory space for unrecognised words, your handset deletes the oldest words as you add new words.

Using the Symbol Entry Method


In a text-entry screen, press  to switch entry methods until you see the Symbol icon () in the status bar.

Press

1 Number keys (one press per symbol)

To

show possible symbol combinations at the bottom of the display

2  right or left

highlight the combination you want

Press

3 **SELECT** ()

To

lock a highlighted combination

You can press number keys to add more symbols to the end of the combination

or















enter the highlighted combination

A space appears after the combination.


Symbol Chart


Use this chart as a guide for entering symbols in symbol method.

	. ? ! , @ _ & ~ : ; " - () ' ` ; % £ \$ ¥ ¤ €
	@ _ \
	/ : ;
	" & '
	() [] {}
	¿ ¡ ~
	< > =
	\$ £ ¥ ¤ €
	# % *
	+ - x * / = > < # §
	enter a space (hold to enter a return)
	change text entry method (hold for default)

Note: In an email address or URL editor,  shows the common characters for that editor first.

Using the Numeric Method

In a text entry screen, press  to switch entry methods until you see the Numeric icon (123) in the status bar.

Press keypad keys to enter the numbers you want. When you finish entering numbers, press  to switch to another entry method.

Deleting Letters and Words

Place the cursor to the right of the text you want to delete, and then:

Do This

Press **DELETE** ()


To

delete one letter at a time


Hold **DELETE** ()

delete the entire message

Copying, Cutting, and Pasting Text

Press  from a text entry screen to display these options:

Option	Description
Copy Text	tells your handset to copy the text you are about to highlight (see "Highlighting Text" below)
Copy All Text	copies all text in the editor
Cut Text	tells your handset to cut the text you are about to highlight (see "Highlighting Text" below)
Cut All Text	cuts all text in the editor
Paste	pastes the text you cut or copied
Undo	undoes the last copy, cut, or paste in the current text editor

Note: **Copy All Text** also appears in the menu (press ) when you are viewing details for a Contacts entry, Calendar event, Browser page, Text Message, or Recent Calls entry.

Highlighting Text

In a text editor, to highlight and copy or cut text:

Find the Feature



> **Copy Text** or
Cut Text

Press

1 

To


scroll to the beginning of the text you want to copy or cut

2 **START** ()

turn on the highlighting marker

3 

scroll to the end of the text you want to copy or cut

4 **COPY** ()

copy or cut the text you selected

or


CUT ()

You can now paste the text in another location or file.

Text remains on your clipboard, available to paste, until you copy or cut other text or until you turn off your handset.

Choosing a Text Entry Method


Multiple text entry methods make it easy for you to enter names, numbers, and messages. The method you select remains active until you select another method.

Press  in any text entry screen to change to one of the following entry methods:


Primary

The primary text entry method you set up (see the next section).

Numeric (123)	Enter numbers only.
Symbol (@#?)	Enter symbols only (see page 37).
Secondary	The secondary text entry method you set up (see the next section).

Press  in any text entry screen to change your entry case. An icon in the status bar indicates when you select *no capital letters* (abc), *next letter capital only* (Abc), or *all capital letters* (ABC).

Setting Up a Text Entry Method

To set the primary or secondary text entry methods, press  > **Entry Setup** from any text entry screen. Select **Primary Setup** or **Secondary Setup**, and choose:

[None]	Hide the Secondary setting (only available for Secondary Setup).
ITAP	Let the handset predict each word as you press keys (see page 35).
Tap Method	Enter letters, numbers, and symbols by pressing a key 1 or more times (see page 32).

Locking and Unlocking Your Handset

You can lock your handset manually or set it to lock automatically whenever you turn it off.

When you try to use a locked handset, it prompts you for the unlock code. A locked handset still rings or vibrates for incoming calls or messages, *but you must unlock it to answer*.

You can make emergency calls on your handset even when it is locked. See page 60.

Locking Your Handset Manually

Find the Feature

 > **Settings** > **Security**
> **Phone Lock** > **Lock Now**

Press

1 keypad keys

2 **OK** ()

To

enter your four-digit unlock code

lock the handset

Setting Your Handset to Lock Automatically

You can set your handset to lock every time you turn it off:

Find the Feature

 > **Settings** > **Security**
> **Phone Lock**
> **Automatic Lock** > **On**

Press

1 keypad keys

2 **OK** ()

To

enter your four-digit unlock code

set the handset to lock
automatically

Unlocking Your Handset

At the **Enter Unlock Code** prompt:

Press

1 keypad keys

2 **OK** ()

To

enter your four-digit unlock code

If you forget your unlock code,
see page 44.


unlock your handset

Changing Your Unlock Code

Your handset's four-digit unlock code is originally set to 1234, and the six-digit security code is originally set to 000000.

We recommend that you change them to prevent other users from accessing your personal information or modifying your handset settings. The unlock code must contain four digits, and the security code must contain six digits. Be sure to note the new numbers.

Notes:

- *Your service provider may retain your handset's security code for customer service purposes. In this case, you cannot use handset features that require the security code (such as master clear, master reset, and the unlock code bypass feature).*
- *If the only password you can change is the unlock code, the **New Passwords** menu is unavailable and the **Unlock Code** option appears on the **Phone Lock** menu. In this case, open the unlock code editor by selecting:  > **Settings** > **Security** > **Phone Lock** > **Unlock Code**.*

To change a code or password:

Find the Feature

 > **Settings** > **Security**
> **New Passwords**

Press

1 

To

scroll to the code or password you want to change

2 **CHANGE** ()

select the code or password



3 keypad keys

enter your old code

If you forget your unlock code, see page 44.

4 **OK** ()



submit your old code

Press	To
5 keypad keys	enter the new code
6 OK ()	assign the new code
7 keypad keys	re-enter the new code
8 OK ()	confirm the new code

If You Forget Your Unlock Code



If you forget your security code (originally set to 000000), SIM PIN, SIM PIN2, or call barring password, contact 3.

If you forget your unlock code, try entering 1234 or the last four digits of your phone number. If that does not work, when you see the **Enter Unlock Code** message:

Press	To
1 	go to the unlock code bypass screen
2 keypad keys	enter your security code
3 OK ()	submit your security code

Locking and Unlocking the Keypad

This feature prevents an accidental keypress from inadvertently dialling an emergency number or one-touch dial number (for example, when carrying your handset in a purse or pocket).

Press	To
 	lock or unlock keypad

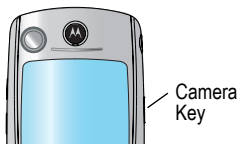
Note: *Incoming calls and messages unlock the keypad.*

Taking and Viewing Pictures

You can send pictures, sounds, shortcuts, bookmarks, events, and contacts to a connected computer. See page 132.

Taking Pictures

You can use your phone's camera key to take pictures quickly and easily.




Do This

- 1 Press the camera key


To


display the camera's image.

To change cameras, press  > **Internal View** (camera on the front of the phone) or **External View** (camera on the back of the phone).

- 2 Point your handset at the subject of the picture

find the picture you want to take

Note: Press  for a menu that lets you change the camera view or set up the picture resolution.

- 3 Press 

zoom the picture in and out

- 4 Press **CAPTURE** 

freeze the picture in your handset's display

- 5 Press **STORE** 

save the captured picture as a file, wallpaper, screen saver, or message attachment

To store a picture with a phone number, see page 85.

Downloading Pictures



You can download pictures and animations to your handset and use them as wallpaper or a screen saver.

To download a picture or animation from the micro-browser, see page 147. To download a picture or animation from a text message, see page 79.

Viewing Pictures

Find the Feature

 > **Multimedia** > **Pictures**

Press


1 

To

scroll to the picture

2 **SELECT** ()

view the picture

3  left or right

view the previous/next picture

or

DETAILS ()

view picture information

or



open the **Picture Viewer** menu to perform other procedures as described in the following list

The **Picture Viewer** menu provides the following options:

Option	Description
New Picture	Capture a new picture.
New Slideshow	Create a slideshow from a series of stored pictures.

Option	Description
Set as Wallpaper	Set the picture as your handset's wallpaper image.
Set as Screen Saver	Set the picture as your handset's screen saver image.
Details	View picture information.


To adjust your handset's wallpaper and screen saver images, see page 54.

Recording and Viewing Videos

Recording Videos

Find the Feature

 > **Multimedia** > **Videos**
> **[New Video]**


The image in the camera's viewfinder appears on your handset's display. To change cameras, press  > **Internal View** (camera on the front of the phone) or **External View** (camera on the back of the phone).

Do This

- 1 Point your handset at the subject of the video

To

find the scene you want to record

Note: Press  for a menu that lets you change the camera view or set the video quality, length, or sound.

- 2 Press 

zoom the image in and out

Do This

3 Press **CAPTURE** ()

To

start recording the scene in your handset's display

Tip: Press  to zoom in and out during the video.

4 Press **STOP** ()

stop recording

5 Press **STORE** ()

save the captured video as a file or message attachment

Watching Videos

Find the Feature

 > **Multimedia** > **Videos**

Press

1 

To

scroll to the video

2 **PLAY** ()

view the video

3 

control the video:

- ▲ pause
- ◀▶ rewind or fast forward
- ▼ stop

or

DETAILS ()

view video information

or





open the **Video Player** menu to perform other procedures as described in the following list

The **Video Player** menu includes the following options:

Option	Description
Details	View video information.
Setup	Change the settings for Auto Repeat , which tells your handset to play a video repeatedly until you stop it, and Timer , which shows a timer in your handset display.




Making Video Calls

If you call someone else who has a video phone, you can see each other while you talk.

Press	To
1 keypad keys	dial the phone number (up to 32 digits)
2 	make the call
3  (end key)	end the call

Previewing Video Calls

You can preview your phone's image to see how you look before you make a video call:

Press	To
1 keypad keys	dial the phone number (up to 32 digits)
2 	open the dialling menu
3 	scroll to Preview Video Call
4 SELECT ()	display your camera's image

Press

5 CALL ()

or



To

place the call

display the preview menu

This menu lets you turn your camera off, or to change camera images.

Setting Up Video Calls

To make video calls, your phone uses a video gateway number that you can enter.

Note: *3 has already programmed the text message inbox settings for you.*

Find the Feature



**> Settings > Initial Setup
> VideoGateway**

Enter the number provided by **3**.

Using AGPS Location Information

Your handset can use Assisted Global Positioning Service (AGPS) to tell the network where you are physically located.

Note: *AGPS may not work in all locations and may not be available due to network, environmental, or interference issues. You cannot use your camera while your phone is checking your location.*

How AGPS Works

The AGPS unit within your handset calculates the handset position by receiving signals from **3** or more AGPS satellites from a maximum which are available at any one time.

Within the signal from each satellite there is a very accurate “time stamp” and information specifying exactly where in space each satellite is currently positioned.

Using this time stamp the AGPS unit can then calculate how long each received signal took to reach the handset and consequently exactly how far away each satellite is from the handset.

From these distances and the position of each satellite in space the AGPS unit can calculate the position of the handset.

To save your battery power the AGPS hardware is only turned on when a AGPS location fix is required by either a local application on your handset or by an application within the 3 network.

When the AGPS hardware is turned on it needs to search for the satellite signals which are available and evaluate the information contained in the signal before calculating the position. This process can take up to approximately 60 seconds. If the handset is currently connected to the 3 network then the AGPS will receive some assistance data which will reduce this time to less than approximately 20 seconds.

If the handset is being charged via the mains adapter or via the in-car adapter when location fixes are requested then the first will take the times detailed above but all subsequent ones will take less than approximately 5 seconds.

The accuracy of and the time taken to perform each AGPS position calculation is very dependent on both:

- 1 The number of different satellite signals which can be received
- 2 How strong each received satellite signal is.

The signal received on earth from AGPS satellites is very weak and are further weakened or even blocked completely by buildings or other objects.

So best AGPS performance in terms of accuracy and time required to do the calculation is achieved when the handset is outdoors with very little of the sky obstructed.

Best AGPS Performance Usage Tips

Use handset outdoors in open space

- A field is better than a park
- A park is better than a square
- A square is better than a street
- A street is better than in a building
- A position calculation is not normally in a building

Hold handset horizontal with hand away from internal aerial (top right beside camera)

Use handset while stationary

- Standing still is better than walking
- Walking is better than using AGPS in a car or in a train

When the handset is being charged from either the mains adapter or by the in-car kit leave AGPS enabled.

Hiding or Showing Location Information

When **AGPS Service** is turned **On**, services may use your known location to provide useful information (for example, driving directions, or the location of the nearest bank). Contact your service provider for details.

When **AGPS Service** is turned **Off**, it does not send location information.

Find the Feature



> **Settings** > **Phone Status**
> **AGPS Service**
> **On** or **Off**

Setting Up Your Handset

Storing Your Name and Phone Number



To store or edit user name and phone number information on your SIM card:

Find the Feature



> **Settings** > **Phone Status**
> **My Tel. Numbers**

If you do not know your phone number, contact your service provider. To view your phone number from the idle display or during a call, see page 23.

Setting the Time and Date

You must set the time and date to use the calendar.

Find the Feature



> **Settings** > **Initial Setup**
> **Time and Date**

Setting a Ring Style

Your handset rings or vibrates to notify you of an incoming call or other event. This ring or vibration is called an *alert*.


The ring style indicator in your display shows the current ring style (see page 25).

To set a ring style

Find the Feature



> **Ring Styles** > **Style**
> *the profile you want*

Each ring style contains settings for specific event alerts, ringer ID, and ringer and keypad volume. To change these settings, press  > **Ring Styles** > **Style Detail**.

Note: Some ring tones vibrate automatically. If you use one of these tones, your phone vibrates even when it is not set to **Vibrate** or **Vibe&Ring**. To turn off these vibrations, see page 101.

To turn off alerts for messages that arrive during a call.

Find the Feature

 > **Settings** > **In-Call Setup**
> **Msg Alert**

Setting a Wallpaper Image

You can set a picture or animation as a wallpaper (background) image in your handset's idle display.

Note: When you set an animation as a wallpaper image, only the first frame of the animation is displayed.

Find the Feature

 > **Settings** > **Personalise**
> **Wallpaper**

Setting	Description
Picture	select the picture or animation for the background image in your idle display
Layout	select Center or Tile

Setting a Screen Saver Image

You can set a picture or animation as a screen saver image. The image is displayed when no activity is detected for a specified time period.

The screen saver image is shrunk to fill the display, if necessary. An animation repeats for one minute, then the first frame of the animation is displayed.

Find the Feature

 > **Settings** > **Personalise**
> **Screen Saver**

Setting	Description
Picture	select the picture that appears when your handset is idle
Delay	select how long your handset must be idle before the screen saver picture appears Note: <i>If this setting is longer than your Display Timeout setting, then your display will turn off before you ever see the screen saver.</i>











Note: Using a screen saver can reduce battery life.

Setting Display Colour

You can select the colour palette that your handset uses to display indicators, highlights, and soft key labels.

Find the Feature

 > **Settings** > **Personalise**
> **Colour Style**
> *the style you want*

Note: To restore default colours, press   "COLOURS"
( +  +  +  +  +  +  + )

Adjusting Lights on Your Phone

You can adjust the lights that appear in your phone's display, behind the keypad, and when you receive incoming calls or messages.

Setting the Display Backlight

You can set the amount of time that the display backlight remains on, or turn off the backlight to conserve battery power:

Find the Feature



> **Settings** > **Initial Setup**
> **Backlight**

Setting Caller ID Lights for Calls

You can tell your phone backlight to change when you receive incoming calls.

Find the Feature



> **Settings** > **Lights**
> **Call-Light ID**

Note: If you set a **Call-Light ID** for a single contacts entry or category, your phone uses those patterns for those entries. See page 84 to set a pattern for a contacts entry, and page 90 for a category. If you select **Off** here, though, your phone does not use any Call-Light IDs.

Setting Notice Lights for Messages

You can tell your phone backlight to change when you receive incoming text or email messages, voicemail, and alarms.

Find the Feature



> **Settings** > **Lights**
> **Notice Lights**

Setting Your Display Timeout

This is a power-saving feature that turns off your handset's display when it is inactive for a selected idle time. Your display reactivates if you press a key or receive a call.

Find the Feature



> **Settings** > **Initial Setup**
> **Display Timeout**
> *selected idle time*

Conserving Battery Power

Some networks and phones include a battery save setting to conserve battery power.

Find the Feature



> **Settings** > **Initial Setup**
> **Battery Save**

Calling Features

For basic instructions on how to make and answer calls, see page 22.

Changing the Active Line

Change the active phone line to make and receive calls from your other phone number.

Note: This feature is available only for dual-line enabled SIM cards.




Find the Feature



> **Settings** > **Phone Status**
> **Active Line**

The active line indicator in the display shows the current active phone line. See page 25.

Redialling a Number

Press	To
1 	go directly to the dialled calls list
2 	scroll to the entry you want to call
3 	redial the highlighted number

Using Automatic Redial

If you receive a busy signal, your handset displays **Call Failed**.

With automatic redial, your handset automatically redials the number. When the call goes through, your handset rings or vibrates one time, displays the message **Redial Successful**, and then connects the call.

To turn automatic redial on or off:

Find the Feature

 > **Settings** > **Initial Setup**
> **Auto Redial**

When automatic redial is turned off, you can manually activate the feature to redial a phone number. When you hear a busy signal and see **Call Failed**:

Press

 or **RETRY** ()

To

activate automatic redial

Using Caller ID

Incoming Calls



Calling line identification (caller ID) displays the phone number for incoming calls.

The handset displays the caller's name when the name is stored in your contacts, or **Incoming Call** when caller ID information is not available.


Outgoing Calls



You can show or hide your phone number as an ID for the calls that you make.

Find the Feature

 > **Settings** > **In-Call Setup**
> **My Caller ID**

You can override the default caller ID setting when you make a call. While dialling (with digits visible in the display), press  > **Hide ID/Show ID**

Cancelling an Incoming Call

While the handset is ringing or vibrating:

Press

 or **IGNORE** ()

To

cancel the incoming call



Depending on your handset settings and the type of subscription you have, the call may be forwarded to another number, or the caller may hear a busy signal.

Turning Off a Call Alert

You can turn off your handset's incoming call alert before answering the call.

Press

either volume key

To

turn off the alert

Calling an Emergency Number

3 may program one or more emergency phone numbers, such as 999, that you can call under any circumstances, even when your handset is locked or the SIM card is not inserted. **3** can program additional emergency numbers into your SIM card. *However, your SIM card must be inserted in your handset in order to use the numbers stored on it.* See **3** for additional information on this issue.

Note: *Emergency numbers vary by country. Your handset's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.*

Press

1 keypad keys

To

dial the emergency number

Press

2 

To

call the emergency number

Dialling International Numbers

To dial the local international access code:

Do This


Press and hold 

To

insert the international access code (+) for the country from which you are dialling

Viewing Recent Calls

Your handset keeps lists of the calls you recently received and dialled, even if the calls did not connect. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new ones are added.

Shortcut: Press  to go directly to the dialled calls list from the idle display.

Find the Feature

 > **Recent Calls**

Press

1 

To

scroll to **Received Calls** or **Dialled Calls**

2 **SELECT** ()

select **Received Calls** or **Dialled Calls**

3 

scroll to an entry you want to call, store, or delete


Note: ✓ means the call connected.

Press

4 


To


call the entry's number

Tip: Press and hold  for two seconds to send the entry number as DTMF tones. To activate DTMF tones, see page 117.

or



if **View** appears above the  key—view the entry's details


if **Store** appears above the  key—store the entry's details in the contacts


or



open the **Last Calls Menu** to perform other procedures as described in the following list


The **Last Calls Menu** can include the following options:

Option	Description
Video Call	Make a video call to the selected number.
Preview Video Call	Preview your phone's camera image before making a video call to the selected number.
Store	Create a contacts entry with the selected number in the No. field. (This option does not appear if STORE appears above the  key, or if the number is already stored as a contacts entry.)

Option	Description
Delete	Delete the entry. (This option does not appear if DELETE appears above the  key.)
Delete All	Delete all entries in the current list.
Hide ID/Show ID	Hide (or show) your caller ID for the next call.
Send Message	Create a new text message, with the selected number in the Tel No. field. See page 75.
Add Digits	Add digits to the end of the selected number.
Attach Number	Attach another number from the contacts or recent calls list to the end of the selected number.
Send Tones	Send the selected number to the network as DTMF tones, for credit card calling or password entry. (This option is available only during an active call.) To activate DTMF tones, see page 117.

Returning an Unanswered Call

Your handset keeps a record of your unanswered calls, and displays:

- the  (missed call) indicator
- **X Missed Calls**, where **X** is the number of missed calls

Press

1 VIEW 

To

see the received calls list

Press**2** **To**

select a call to return




3 

make the call

Using the Notepad


Your handset stores the most recent string of digits entered on the keypad in a temporary memory location called the *notepad*. This can be a phone number that you called, or a number that you entered but did not call. To retrieve the number stored in the notepad:

Find the Feature> **Recent Calls** > **Notepad**

Press	To
 or  or STORE 	call the number open the Dialling Menu to attach a number or insert a special character create a contacts entry with the number in the No. field



Attaching a Number

While dialling (with digits visible in the display):

Press	To
 > Attach Number	attach a number from the contacts or recent call lists

Calling with Speed Dial

Each entry you store in your contacts is assigned a unique *speed dial* number that identifies the location where the entry is stored in handset memory or on the SIM card. To speed dial a contacts entry:

Press	To
1 keypad keys	enter the one-, two-, or three-digit speed dial number for the entry you want to dial
2 	submit the number
3 	call the entry

Calling with 1-Touch Dial

To call contacts entries 1 to 9, press and hold the one-digit speed dial number for one second.

You must specify which phone number list you want to use with this feature: handset memory contacts, fixed dial list, or SIM card contacts:

Find the Feature

 > **Settings** > **Initial Setup**
> **1-Touch Dial**

Using Voicemail




You can listen to your voicemail messages by calling your network voicemail phone number. Voicemail messages are stored on the network—not on your handset.

Your voicemail number is stored in your handset to make it faster and easier to use your voicemail. Your voicemail number can be provided by 3.

Receiving a New Voicemail Message

When you receive a voicemail message, your handset displays  (voice message waiting) and **New VoiceMail**.

Press

CALL 

To

listen to the message

Listening to a Voicemail Message

Find the Feature



> **Messages** > **VoiceMail**

The handset calls your voicemail phone number. If no voicemail number is stored, the handset prompts you to store one.

Using Call Waiting



When you are on a call, an alert tone sounds to indicate that you have received a second call.

Press


1 

To


answer the new call

2 SWITCH 

switch back to the first call

Note: You can press **SWITCH**  at any time to switch between calls.

or

LINK 

connect the two calls




You must turn on call waiting to use the feature.

Find the Feature



> **Settings** > **In-Call Setup**
> **Call Waiting**

Putting a Call on Hold

Do This	To
Press HOLD () (if available) or Press  > Hold	put a call on hold Your handset displays a  (flashing handset) indicator to indicate that the call is on hold.


Transferring a Call



You can announce that you are transferring an active call to another party, or you can directly transfer the call.

Announce the Call Transfer

Find the Feature

 > **Hold**

Press

To

1 keypad keys

enter the phone number where you are transferring the call

2 

dial the phone number

Speak to the person who answers the target handset.

3 

open the menu

4 

scroll to **Transfer**

5 **SELECT** ()

select **Transfer**

6 **OK** ()

confirm the transfer

Do Not Announce the Call Transfer

Find the Feature

 > **Transfer**

Press

To

1 keypad keys

dial that number where you are transferring the call

2



transfer the call

Messages and Email



Text, Email, Video, and MMS messages are brief messages that you can send and receive. Received messages appear on your display or in your message inbox.

The total number of messages the inbox can hold depends on the length of the messages, and the number of other messages and drafts stored in your handset.

Note: 3 has already programmed the text message inbox settings for you.

Setting Up the Message Inbox

Find the Feature

 > **Messages**
 > *inbox to set up*

You can select **Message Setup** (for text messages), **Email Msg Setup**, **Browser Msg Setup**, or **Info Srvs Setup**. See the following **Setup Options** tables.

Message Setup Options

Setting	Description
MMS Message Setup	change settings for Video Message and Multimedia messages See the table following this.
Inbox View	select whether the inbox list shows message senders or subjects

Setting	Description
Service Centre No.	enter the phone number for the service centre that handles your outgoing messages
Reply Type	scroll to the default type of replies you want to send
Cleanup	the period of time that your handset waits before it deletes a message
Email Gateway	enter the gateway number

MMS Msg Setup Options

Setting	Description
Hide Fields	select which optional fields will not appear in your Message form
Autosignature	enter text to attach to the end of all of your messages
Download	choose to download new messages automatically, or to Defer (see page 79)
Unread Only (IMAP setting)	choose to receive only unread messages
Receive Date Range (IMAP setting)	choose to receive only messages that arrived on specified days
Filter	select phone numbers and email addresses from which messages will automatically be deleted

Setting	Description
Expire After	enter the expiration period—the number of days your network tries to resend unreceived messages
Reply Type	select the default type of replies you want to send—Video Message or Multimedia
Size Limit	set the maximum allowable size of an incoming message
Server Info	display the selected MMS Server

Email Msg Setup Options

Setting	Description
ISP Settings	select a GPRS or CSD Email connection, and change connection settings
Email Provider	select the provider name This changes Protocol , Host and Port settings (below) for sending and receiving Email
Protocol	select POP3 (stores Email on your handset) or IMAP (stores Email on the server)
User ID	your login User ID to send and receive Email
Password	your login Password to send and receive Email

Setting	Description
Sending Host	IP or DNS server address for sending Email (such as mail.test.com)
Sending Port	port number for the sending host
Receiving Host	IP or DNS server address for receiving Email (such as pop.test.com)
Receiving Port	port number for the receiving host
Return Address	the address where replies to your messages are sent (usually your Email address)
Name	name to appear on messages from you (such as Bob)
Cleanup	the period of time that your handset waits before it deletes a message
Save On Server	keeps copies of messages on the server (use a PC or other client to delete them on the server)
Email Notify	select whether your phone notifies you when you receive Email This has no effect if you set Check New Msgs to No .

Setting	Description
Check New Msgs	<p>select how often your handset checks for Email</p> <p>If you select No, you can only check for email using Send/Receive Mail (see page 79) or by opening your Email Messages inbox.</p>
Hide Fields	select message information that should not appear when you create an email message
Auto Signature	enter text to attach to the end of all of your messages
Unread Only (IMAP setting)	choose to receive only unread messages
Receive Date Range (IMAP setting)	choose to receive only messages that arrived on specified days
Attachments (IMAP setting)	select the attachment types you can receive
Size Restriction	<p>set a size limit for Email messages</p> <p>Messages larger than the limit remain on the server. IMAP downloads all message headers.</p>

Brwsr Msg Setup Options

These are the settings for the Browser messages sent by 3:

Setting	Description
Expire After	enter the expiration period—the number of days your network tries to resend unreceived messages
Cleanup	the period of time that your handset waits before it deletes a message
Msg Notification	select whether your phone notifies you when you receive high priority and medium priority browser messages.
Service	select whether you want to receive all browser messages, only browser messages from one service centre, or no browser messages

Info Srvc Setup Options

These are the settings for the Information Services messages sent by 3:

Setting	Description
Service	turn cell broadcasts on or off
Active Channels	edit the list of channels that send you messages


Setting	Description
Languages	change the languages in which you accept messages Note: <i>You cannot change Lang1. It is the language set in the Initial Setup menu.</i>
Cleanup	the period of time that your handset waits before it deletes a message

Creating and Sending Messages

Note: *Your message inbox must be set up before you can send and receive messages. See page 69.*

You can send a text message to one or more recipients. You can manually enter each recipient's phone number or email address, or select numbers/addresses from the contacts or recent call lists. You can also send a message to a Mailing List containing multiple addresses (see page 84 to create a Mailing List).

There are four different types of messages: **Text Message**, **Email**, **Video Message**, and **Multimedia**. For a description of the items in each message type, see page 77.

Shortcut: While dialling (with digits visible in the display), you can press  > **Send Message** to create a text message addressed to the number entered.

Find the Feature

-  > **Messages**
-  > **Create Message**

Press

1 

To

scroll to **New Text Message**,
New Email, **New Video Message**, or
New Multimedia

2 **SELECT** ()

select the type of message you
want to send


3 keypad keys

complete the message contents
(see the table after this
procedure)

4 **DONE** ()

finish the message

Your handset displays
Send Message Now?

5 **YES** ()

send the message

or

NO ()



choose to **Send Later**, **Save to Drafts**,
or **Discard Message**

Send Later stores the message in
your **Outbox**, to send at a later
time.

Save to Drafts stores the message
in your **Drafts** folder, where you
can edit it and send it at a later
time.

Message Contents

Note: You cannot send Email messages to phone numbers.



Item	Description
To (all message types)	one or more phone numbers or email addresses where you want to send the message Tip: Remember to press and hold  to add a space between numbers that you enter manually. You can press BROWSE () to select one or more phone numbers or email addresses from the contacts or recent calls lists
CC (not for Text Messages)	phone numbers or email addresses where you want to send a carbon copy of the message
BCC (not for Text Messages)	phone numbers or email addresses where you want to send a blind carbon copy of the message (nobody can see their address, and they cannot see the other addresses)

Receiving Messages

Note: You must set up the text message inbox before you can receive text messages. See page 69.


When your text message inbox is full, you must delete old messages before you can open new ones.

Your handset checks for new **Email** messages periodically, or whenever you select

 > **Messages**  > **Send/Receive Mail**

or else

 > **Messages** > **Email Msgs**

When you receive a new text message, your handset displays **New Message**  and gives an alert. If reminders are turned on, your handset sends a reminder every five minutes until you close the new message notification, read the message, or turn off your handset (see page 100). From the new message notification:

Press

READ ()


To

open the message (or your text message inbox if there are multiple messages)

or

DETAILS ()









open message details (or a list of messages if there are more than one)

When you are viewing message details, press **DOWNLOAD** () to download and read the message.

Note: **DETAILS** appears for MMS messages if **Download** is set to **Defer** (see page 70)

Reading, Locking, or Deleting Messages

Messages in the inbox are sorted from newest to oldest. The following indicators show message status:






 unread	 read
 unread with attachment	 read with attachment
 unread and urgent	 read and locked
 unread and urgent with attachment	 read and locked with attachment


Note: The files that you download or receive as attachments might have a lock that keeps you from forwarding them.

The oldest messages are deleted automatically as specified by the inbox **Cleanup** setting. If you want to save a message, you should lock it to prevent it from being deleted during cleanup.

Find the Feature



 > **Messages** > **Message Inbox**

Press	To
1 	scroll to the message
2 READ ()	open the message
3 SAVE ()	close the message
or	
DELETE ()	delete the message
or	
	open the Message Menu to perform other procedures

While reading a message, press  for these options:




Option	Description
Voice Call Back	Make a voice call to the number in the message header or embedded in the message.
Video Call Back	Make a video call to the number in the message header or embedded in the message.
Preview Video Call	Preview your phone's camera image before making a video call to the selected number.
Go To	Launch the micro-browser and go to a Web address (URL) embedded in the message.
Reply	Open a new text message, with the sender's Reply To number or email address in the To field.
Forward	Open a copy of the text message, with an empty To field.
Lock/Unlock	Lock or unlock the message.
Store	Display a list of items that can be stored, including the sender's number or email address, and a selected image or sound file.
Delete	Delete the message.
Delete All	Delete all inbox messages.
Delete Messages	Choose to delete only messages that are read, unread, or delivery reports.
Create Message	Open a new text message.

Option	Description
Setup	Open the text message inbox setup menu.

Note: To play attached sound files, press  to select the icon, then press **PLAY** ().

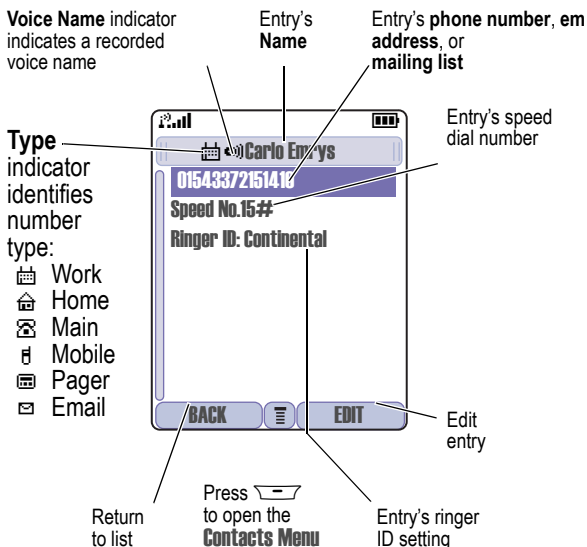
Setting Up Your Contacts

You can store a list of names and phone numbers or email addresses in your handset's electronic phonebook.

To see the names in your contacts, press  > **Contacts** from the idle display. Scroll to a name and press  to call the entry or **VIEW** () to view entry details as shown below.

To show the entries in a category, see page 93.

Viewing Entry Details



Notes:

- Email entries, Mailing List entries, and entries stored on the SIM card do not have **Type**, **Voice Name**, or **Ring ID** information.
- If the contacts entry is a mailing list, list members are listed after the entry's name

Creating a Contacts Entry

You can store an entry on your handset or on the SIM card.

Note: You can also use the following procedure to store a fixed dial entry by scrolling to and selecting **Fixed Dial**.

Enter Information

To create or edit a contacts entry:


Find the Feature



> **Contacts**





> **New** > **Phone Number** or
Email Address or **Mailing List**

Shortcut: Enter a phone number in the idle display, then press **STORE** () to create a contacts entry with the number in the **No.** field.

A phone number or email address is required for a contacts entry. All other information is optional. You can enter the following information for a contacts entry:


Contacts Item	Description
Name	enter a name for the contacts entry (to enter text, see page 31)
Category	scroll to the category that classifies the entry

Contacts Item	Description
No., Email, or Members	enter the phone number or email address, or select contacts entries to add as members of the mailing list
Type	scroll to the type of phone number (only for phone numbers not stored on the SIM)
Store To	choose to store the entry on the handset or the SIM card.
Voice Name	record a voice name for the entry. See page 87.
Speed No.	Note: change the number you use to <i>speed dial</i> the entry.
Ringer ID 	change the ring tone for calls from this entry
Picture	choose a picture to appear for calls from this entry
Call-Light ID	change the backlight that appears for calls from this entry
Private 	indicate if this is a private entry (to show or hide private entries, see page 93)
More	create another entry with the same Name

Complete Contacts Entry

When you are finished entering information for a contacts entry:


Press

DONE 

To

store the entry and return to the contacts list

Storing a PIN Code with a Phone Number

You can store a PIN code with the phone number for calls that require additional digits (for example, to make a calling card call, or to retrieve voicemail or answering machine messages). While entering a phone number, press  and select:

Option	Description
Insert Pause	Your handset dials the preceding digits, waits for the call to connect, then sends the remaining digit(s).
Insert Wait	Your handset dials the preceding digits, waits for the call to connect, then prompts you for confirmation before it sends the remaining digit(s).
Insert 'n'	Your handset prompts you for a number before dialling the call. The number you enter is inserted into the dialling sequence in place of the n character.

Notes:

- You can store a maximum of 32 digits per number for a contacts entry stored on the handset. The maximum number may vary for entries stored on the SIM card. Each character counts as one digit.

- You cannot store numbers that contain a **w** or **n** character on the SIM card.

Recording a Voice Name For a Contacts Entry

You can record a voice name for a new or existing contacts entry. A voice name lets you call the contacts entry using voice dial (see page 88).

Note: You cannot record a voice name for an entry stored on a SIM card.

Tip: Make your voice recording in a quiet location. Hold the handset about four inches (10 centimetres) from your mouth, and speak directly into the handset in a normal tone of voice.

Find the Feature

 > **Contacts**

Do This

To

1 Press 

scroll to the entry that needs a voice name

2 Press **VIEW** ()

display the entry's detailed view

3 Press **EDIT** ()

edit the contacts entry


4 Press 

scroll to **Voice Name**

5 Press **RECORD** ()

begin the recording process

The handset displays **Press Record then say name.**

6 Press **RECORD** () and say the entry's name (in two seconds)

record the voice name

The handset displays **Press Record then REPEAT name.**


Do This

- 7 Press **RECORD** () and repeat the name

To

confirm the voice name

The handset displays **Trained: Voice Name.**

- 8 Press **DONE** () store the voice name
-

Dialling a Contacts Entry

Use one of the following procedures to call a number (or send a text message to an email address) stored in your contacts. To use speed dial or 1-touch dial, see pages 65 and 65.

Contacts List

Find the Feature

 > **Contacts**

Press

- 1 keypad key letter

To

jump to entries that begin with that letter (optional)

- 2 

scroll to the entry

- 3 

make the call

Voice Dial

Find the Feature

 > **Tools** > **Voice Dial**

Do This

- 1 Press **SELECT** ()

To

activate the voice dial mechanism

The handset displays **Say Name Now.**

Do This

- 2 Say the pre-recorded contacts entry name

To

to select the entry to be dialled

Video Dial

Find the Feature

 > **Contacts**

Press


- 1 keypad key letter

To

jump to entries that begin with that letter (optional)

- 2 

scroll to the entry

- 3  > **Video Call**

make the call

Editing a Contacts Entry

You can also use the following procedure to edit a fixed dial entry by selecting  > **Settings** > **Dialling Services** > **Fixed Dial**.

Find the Feature

 > **Contacts**

Press

- 1 

To

scroll to the entry you want to edit

- 2 **VIEW** 

display the entry's detailed view

- 3 **EDIT** 







edit the contacts entry

Edit the entry information described on page 84.

Tip: Press  to open the **Contacts Menu** to perform various operations on the selected entry.

Deleting a Contacts Entry

To delete an entry:






Find the Feature	 > Contacts
Press	To
1 	scroll to the entry you want to delete
2 	open the Contacts Menu
3 	scroll to Delete
4 SELECT ()	select Delete
5 YES ()	confirm the deletion
















Using Contacts Categories



Contacts categories let you use special ring tones and backlight colours for contacts entries you classify as “Business,” “Personal,” “General,” or other categories. Your phone and your UICC or SIM card both store each category you create.

Create or Edit a Category

Find the Feature	 > Contacts  > Categories
Press	To
1 	scroll to a category to edit (select any category if you are creating a new one)
2 	open the Categories menu
3 	scroll to New or Edit

Press	To
4 SELECT ()	select New or Edit
5 CHANGE ()	select the category Name
6 keypad keys	enter the category name (to enter text, see page 31)
7 OK ()	store the category name
8 CHANGE ()	open the member list
9 	scroll to a contacts entry you want to add or remove
Note: You cannot add entries stored on a SIM card.	
10 ADD ()	add an unchecked entry
or	
REMOVE ()	remove a checked entry
11 DONE ()	close the member list
12 CHANGE ()	select the category Ringer ID
13 	scroll to the ringer ID to use for calls from category entries
14 SELECT ()	select the ringer ID
15 CHANGE ()	select the category Call-Light ID
16 	scroll to the backlight pattern for calls from category entries
17 SELECT ()	select the backlight
18 DONE ()	store the category and return to the contacts list

Delete a Category

Find the Feature

 > **Contacts**
 > **Categories**

Press

1 

To

scroll to the category

2 

open the Categories menu

3 

scroll to **Delete**

4 **SELECT** ()

delete the category

5 **DONE** ()

confirm the deletion

Reorder Categories

Find the Feature

 > **Contacts**
 > **Categories**
 > **Reorder List**

Press

1 

To

scroll to the category you want to move

2 **GRAB** ()

grab the category you want to move

3 

move the category up or down the menu

4 **INSERT** ()

insert the category in the new location

View Category Entries

You can select a category to show only its entries:

Find the Feature

 > **Contacts**
 > **Categories** > *the category you want to see*

Showing or Hiding Private Entries

You can show or hide the contacts entries you mark as private. To mark an entry as private, see the **Private** item on page 85.

Find the Feature

 > **Settings** > **Security**
> **Show Private Entries** or
Hide Private Entries

You can also press  > **Setup** in the contacts to change this setting.

You must enter your private entry code to show private entries. To change your private entry security code:

Find the Feature

 > **Settings** > **Security**
> **New Passwords**
> **Private Entries Code**



Sorting the Contacts List

You sort your contacts list by speed dial number (the standard), name, voice name, or email address.





Tip: The voice name sort is identical to the name sort, except that the entries with voice name tags appear first.

Find the Feature


 > **Contacts**
 > **Setup** > **Sort By**

Press	To
1 	scroll to the order you want
2 SELECT ()	select the order you want

If you select **Speed No.**, **Voice Name**, or **Email**, the procedure is complete. If you select **Name**, you must specify whether you want to view all numbers or just the primary number for each name:

Press	To
3 CHANGE ()	change view preference
4 	scroll to Primary Contacts or All Contacts
5 SELECT ()	select the view preference
6 DONE ()	set the view preference

To set an entry's primary phone number, see the following procedure.

Tip: When the contacts list displays primary numbers only, you can scroll to a name and press  left or right to view other numbers associated with the name.







Setting the Primary Number for a Contacts Entry

When you enter multiple phone numbers for the same name, you can set one as the primary number.

Note: You cannot set a primary number for entries stored on a SIM card.

Find the Feature

 > **Contacts**

Press	To
1 	scroll to the entry
2 	open the Contacts Menu
3 	scroll to Set Primary
4 SELECT ()	select Set Primary
5 	scroll to the number you want to set as the primary number
6 SELECT ()	set the primary number

Depending on how the contacts list is sorted, the primary number is listed first, or is the only number that appears for a contacts entry. See page 93.

Copying Contacts Entries




You can copy entries from one position to another, such as from positions in your handset memory to positions in your SIM card memory.

Note: *These procedures do not delete the original entries.*

Copy a Single Entry

Find the Feature

 > **Contacts**

Press	To
1 	scroll to the entry
2 	open the Contacts Menu
3 	scroll to Copy Entry

Press**4** **SELECT** ()**To**select **Copy Entry**

The handset displays the next available speed dial number.

5 keypad keys

edit the speed dial number

6 **OK** ()

copy the entry to the new speed dial location

Copy Multiple Entries

Find the Feature > **Contacts****Press****1** **To**open the **Contacts Menu****2** scroll to **Copy Entries****3** **SELECT** ()select **Copy Entries****4** scroll to **From (start)****5** **CHANGE** ()select **From (start)****6** keypad keys

enter the low speed dial number for the range of entries you want to copy

7 **OK** ()





store the number

8 scroll to **From (end)****9** **CHANGE** ()select **From (end)****10** keypad keys

enter the high speed dial number for the range of entries you want to copy

11 **OK** ()

store the number




Press	To
12 	scroll to To (start)
13 CHANGE ()	select To (start)
14 keypad keys	Note: enter the low speed dial number for the entries' new location
15 OK ()	store the number
16 DONE ()	copy the entries

Checking Contacts Capacity

You can check contacts capacity to see how much space is left for storing contacts entries on your handset and on the SIM card.

Find the Feature

 > **Contacts**





Press	To
1 	open the Contacts Menu
2 	scroll to Phone Capacity or SIM Capacity
3 SELECT ()	select Phone Capacity or SIM Capacity Your handset displays the handset memory meter, or the number of SIM card contacts entries available.

Setting 1-Touch Dial Preference

You can set 1-touch dial to call the entries in your handset memory contacts or the SIM card contacts.

Find the Feature

 > **Settings** > **Initial Setup**

Press	To
1 	scroll to 1-Touch Dial
2 CHANGE ()	select 1-Touch Dial
3 	scroll to the list you want
4 SELECT ()	select the list

Sending an Entry

You can send pictures, sounds, bookmarks, events, and contacts to a connected computer. See page 132.

Synchronising Your Contacts

You can synchronise your contacts entries with an Internet server using a wireless connection. See page 131. This synchronises the **Category**, **Ringer ID**, **Icon ID**, and **Mailing List** information for each contacts entry

Personalising Your Handset

Personalising a Ring Style

You can change the alerts that notify you of the following events: incoming calls, text messages, voicemail messages, data calls, alarms, and reminders. Any changes you make are saved to the current ring style.

Find the Feature



> **Ring Styles** > **Alert Detail**

Alert represents the current ring style.

Press	To
1	scroll to the event
2 CHANGE (select the event
3	scroll to the event you want
4 SELECT (select the alert

Note: Some ring tones vibrate automatically. If you use one of these tones, your phone vibrates even when it is not set to **Vibrate** or **Vibe&Ring**. To turn off these vibrations, see page 101.

To turn off alerts for messages that arrive during a call, see page 54.

Activating Ringer IDs

When ringer IDs are turned on, your handset uses distinctive ringer alerts to notify you of incoming calls or messages from specific entries stored in your contacts or specific categories of entries in your contacts.

Find the Feature

 > **Ring Styles** > *Alert Detail*
> **Ringer IDs**

Alert represents the current ring style.

Press

1 

To

scroll to **On** or **Off**

2 **SELECT** ()

select the option

Setting Ringer or Keypad Volume

Find the Feature

 > **Ring Styles** > *Alert Detail*


Alert represents the current ring style.

Press

1 

To

scroll to **Ring Volume** or **Key Volume**

2  left or right

scroll to the desired volume

3 **OK** ()

confirm the new volume

Setting Reminders

Reminders are alerts that ring or vibrate to notify you about a voicemail or text message you have received, or a calendar event you have scheduled.

Turning Reminders On or Off

Find the Feature



> **Ring Styles** > *Alert Detail*
> **Reminders**

Alert represents the current ring style.

Press

1

To

scroll to **Beep** or **Vibrate** to set the reminder alert type, or **Off** to turn off all reminders

2 **OK**

select the reminder alert

Activating Haptic Vibrations

Some ring tones and games include vibrations. You can turn these vibrations on or off for your phone.

Find the Feature



> **Settings** > **Initial Setup**
> **Vibe Sync** > **On** or **Off**

If you turn on **Vibe Sync**, your phone vibrates for some ring tones and games even when the ring style is not set to **Vibrate** or **Vibe&Ring**.

Creating and Editing Alert Tones







You can create and store custom alert tones on your handset. The tones appear in the list of available alerts.

Creating a Tone


Find the Feature



> **Ring Styles** > **My Tones**
> **[New Tone]**

Press	To
1 CHANGE ()	select Notes
2  or keypad keys	enter notes for the tone (see the following section)
3 OK ()	store the notes
4 CHANGE ()	select Name
5 keypad keys	enter the name for the tone
6 OK ()	store the name
7 DONE ()	store the tone


Entering Notes











Press  up or down to select a note in octaves 0-8.

Basic notes: c d e f g a b **Sharp Notes:** #c #d #f #g #a



You can also enter note details and rests. For example, ***2#g0r** plays a second-octave G sharp whole note followed by a rest. Press number keys repeatedly to cycle through the options in the following table.







Note Table

Key	Display	Description
	1	1/2 note, as in *4c1
	.	dotted note, as in *4c. which is 1 and 1/2 counts
	:	double dotted note, as in *1a: which is 1 and 3/4 counts
	;	2/3 length note, as in *1a; which is 2/3 of a count

Key	Display	Description
	a	A note
	b	B note
	c	C note
	2	1/2 note, as in *4c2
	d	D note
	e	E note
	f	F note
	3	1/8 note, as in *4c3
	g	G note
	4	1/16 note, as in *1c4
	5	1/32 note, as in *4c5
	6	sets octave six, as in *6
	r	inserts a rest (you can add length modifiers, such as rl)
	7	sets octave seven, as in *7
	8	sets octave eight, as in *8
	0	whole note, as in *4c0
	*	sets an octave when followed by 0-8, as in *4c for a C note in octave four
	#	sharp note, as in *4#c
	£	flat note, as in *4£d
	move cursor left	
	move cursor right	

Example

To create a simple tone, you can enter notes by pressing  up and down, and enter rests by pressing . For example:



Press	To	Display
1 	scroll up to *4c , then wait for the highlight to disappear	*4c
2 	scroll up to *4d The handset adds a 2 after each note, to indicate it is a half note. To change the length, see page 102.	*4c2*4d
3 	scroll up to *4e	*4c2*4d2*4e
4 	enter a rest	*4c2*4d2*4e2r
5 	scroll down to *4c	*4c*4d*4e2*4c
6  > Play All	play the tone	





Editing a Tone

You cannot edit the standard alert tones included with your handset. To edit a custom tone that you created:

Find the Feature

 > **Ring Styles** > **My Tones**

Press	To
1 	scroll to the tone
2 EDIT 	open the tone details






Press	To
3 	scroll to Name or Notes
4 CHANGE ()	select the details to edit
5 	enter new text or notes
or keypad keys	
6 OK ()	store the details

Deleting a Tone

You cannot delete the standard alert tones included with your handset. To delete a custom tone that you created:

Find the Feature

 > **Ring Styles** > **My Tones**

Press	To
1 	scroll to the tone
2 	open the My Tones Menu
3 	scroll to Delete
4 SELECT ()	select Delete
5 YES ()	confirm the deletion

Downloading a Tone

You can download custom ring tones from the micro-browser application, or from a text message.

Send Tones

You can send ring tones to other wireless handset users.

Personalising Display Text



To change the greeting that appears when you turn on your handset:

Find the Feature

 > **Settings** > **Personalise**
> **Greeting**

You can set the banner graphic in the idle display to an analog clock or a status icon:

Find the Feature

 > **Settings** > **Personalise**
> **Banner**

Setting the Menu View

You can set your handset to display the main menu as graphic icons (the default setting) or as a text-based list.

Find the Feature

 > **Settings** > **Personalise**
> **Main Menu** > **View**
> **Icons** or **List**

Personalising the Menu

You can reorder the items in your handset's main menu.

Note: The first nine items appear on the main menu, while the rest appear under the **Extras** (📁) option on the main menu. You cannot move the **Extras** option.

Find the Feature




 > **Settings** > **Personalise**
> **Main Menu** > **Reorder**

Press




1 

To

scroll to the menu item you want to move





Press	To
2 GRAB ()	grab the menu item you want to move
3 	move the item up or down the menu
4 INSERT ()	insert the item in the new location

Personalising Soft Keys

You can assign new main menu items to the soft keys (left  and right ) and  in the idle display.

Find the Feature

 > **Settings** > **Personalise**
> **Home Keys**

Press	To
1 	scroll to the keypress you want to assign (Scroll Up , Scroll Down , Scroll Left , Scroll Right , Left Soft Key , or Right Soft Key)
2 CHANGE ()	select the icon or soft key
3 	scroll to a menu feature
4 SELECT ()	confirm the menu feature

Setting the Menu Language

You can set the language in which menu features and options are displayed.

Find the Feature

 > **Settings** > **Initial Setup**
> **Language**

Setting Menu Scroll Behaviour

You set the highlight bar to stop or wrap around when you reach the top or bottom of a menu list.

Find the Feature



> **Settings** > **Initial Setup**
> **Scroll**

Setting Menu Animation

Menu animation provides smooth scrolling of the highlight bar and menu items as you scroll through a menu list. Turn off menu animation to extend battery life.

Find the Feature



> **Settings** > **Initial Setup**
> **Animation**

Resetting All Options

Reset all options back to their original factory settings, except for the unlock code, security code, and lifetime timer.

Find the Feature



> **Settings** > **Initial Setup**
> **Master Reset**

Clearing All Stored Information

Reset all options back to their original factory settings, except for the unlock code, security code, and lifetime timer, erase all downloaded pictures, animations, and sound files, and clear all user settings and entries except for information stored on the SIM card.

Caution: Master clear *erases all user-downloaded content and user-entered information* stored in your handset's memory, including contacts and calendar entries. Once you erase the

information, it cannot be recovered. Master clear does not delete any information stored on the SIM card.

Find the Feature







 > **Settings** > **Initial Setup**
> **Master Clear**

Creating and Using Shortcuts

Shortcuts let you quickly access your favourite menu features. Your handset is pre-programmed with several shortcuts, but you can add more.


Standard Shortcuts

The following shortcuts are pre-programmed in your handset. You cannot edit or delete them.

Press	To
 	lock/unlock your keypad
 	display your phone number
	go to the dialled calls list See page 61.
	exit the menu system, return to the idle display

Adding Shortcuts

Tip: You can create a keypad shortcut to a menu item.

Do This	To
1 Press 	enter the menu system
2 Scroll to the item you want to add to Shortcuts	highlight the menu item

Do This

3 Press and hold



To

open the shortcut editor

The handset displays:

Assign Shortcut for: *Item*?

where *Item* is the name of the item you selected.

4 Press **YES** ()

view your options

Shortcut Options

Option	Description
Name	this name appears in the shortcut list
Key	the key you press to use the shortcut

Using Keypad Shortcuts

Press

1



To

open the menu

2

the shortcut key
number

go to the menu item, or
perform the menu action

Selecting Shortcuts from the List

Find the Feature



> **Tools** > **Shortcuts**
> *Shortcut Name*

Edit or Delete a Shortcut

The shortcut list is sorted by key. If you change a shortcut's key, you change its place in the list.

Find the Feature



> **Tools** > **Shortcuts**
> *Shortcut Name*

Press

1



To

scroll to the shortcut

2



open the **Shortcut Menu** below

Shortcut Menu









Option	Description
Edit	Edit the shortcut.
Reorder List	Change the shortcut list order.
Delete	Delete the shortcut.
Delete All	Delete all shortcuts.

Getting More Out of Your Handset

Making a Conference Call



Link an active call and a call on hold together so that all parties can speak to each other.

Press	To
1 keypad keys	dial the first person's number
2 	call the number
3 HOLD ( (if available) or  > Hold	put the first call on hold Your handset displays a  (flashing handset) indicator next to the call on hold.
4 keypad keys	dial the next person's number
5 	call the number Your handset displays a  (active call) indicator next to the new active call.
6 LINK ()	connect the two calls
7 	end the entire call

Tip: Repeat steps 3-6 to add additional parties to the conference call.

Diverting a Call



Call diverting sends your handset's incoming voice, and/or data calls directly to another phone number.

Set Up or Cancel Call Diverting

The call diverting options for voice or data calls are:


All Calls	diverts all calls
If Unavailable	diverts calls if your handset is unavailable
Detailed	uses different diverting numbers if you are out of range, unable to answer, or busy (<i>voice calls only</i>)
Off	does not divert calls





Find the Feature






 > **Settings** > **Call Divert**

Press

To

- | | |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 1  | scroll to the type of calls you want to divert

(Cancel All cancels all call diverting and ends the procedure.) |
| 2 SELECT  | open the call divert details for that call type |
| 3  | scroll to Divert |
| 4 CHANGE  | change the Divert option |
| 5  | scroll to the call divert option you want |

Press	To
6 SELECT ()	store the option
7 	scroll to To (same for If Busy , If No Answer , or If Unreachable)
8 CHANGE ()	change the phone number
9 keypad keys	enter the diverting phone number
or	
BROWSE ()	browse through your contacts or other lists for the diverting phone number
10 OK ()	store the diverting phone number

Note: Repeat this procedure to enter diverting information for other call types.

Check Call Diverting Status

Your network may store call diverting status for you. To confirm the network call diverting settings:

Find the Feature

 > **Settings** > **Call Divert**
 > **Divert Status**
 > *type of call*

Barring a Call








Call barring lets you restrict outgoing or incoming calls. You can restrict all calls, calls to international numbers, or calls while roaming.

Find the Feature

 > **Settings** > **Security**
> **Call Barring**

Press

To

- | | | |
|---|-------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 1 |  | scroll to Outgoing or Incoming calls |
| 2 | CHANGE  | select the option |
| 3 |  | scroll to a restriction setting |
| 4 | SELECT  | select the restriction setting |
| 5 | keypad keys | enter your call barring password |
| 6 | OK  | submit your password |

Using Fixed Dial



When you turn on fixed dialling, users can only call numbers stored in the fixed dial list. Use this feature to limit outgoing calls to a predefined list of numbers, country codes, area codes, or other prefixes.

Fixed dial list entries can be any length. If there is a fixed dial entry for the digits 555, users can call any number that starts with 555.

Turning Fixed Dial On or Off

Find the Feature

 > **Settings** > **Security**
> **Fixed Dial**

Using the Fixed Dial List

You must turn on fixed dialling to open the fixed dial list (see above).

You must enter your SIM PIN2 code to edit fixed dial entries:

Find the Feature

 > **Settings** > **Dialling Services**
> **Fixed Dial**

You create and edit fixed dial entries just like contacts entries. Fixed dial list entries are stored on your SIM card and do not have **Type**, **Voice Name**, or **Ringer ID** fields.

Service Dialling



You can dial pre-programmed numbers stored on your SIM card, such as taxi companies, restaurants, and hospitals.

Find the Feature

 > **Settings** > **Dialling Services**
> **Service Dial**

Quick Dialling



You can dial pre-programmed numbers stored on your handset. Your handset may come programmed with one or more quick dial numbers, such as the customer service number.

To open and dial numbers on the quick dial list.

Find the Feature

 > **Settings** > **Dialling Services**
> **Quick Dial**

To edit the quick dial list:

Find the Feature

 > **Settings** > **Personalise**
> **Quick Dial**

Using DTMF Tones

You can send numbers to the network as *dual tone multi-frequency* (DTMF) tones during a call. Use DTMF tones to communicate with automated systems that require you to submit a PIN code or credit card number.

Activate DTMF Tones

You can set DTMF tones to be **Long**, **Short**, or **Off**:

Find the Feature



> **Settings** > **Initial Setup**
> **DTMF**

Send DTMF Tones

During a call, highlight a number in the contacts or recent call lists, then:

Do This

Press > **Send Tones**

To

send a number to the network as DTMF tones

Monitoring Handset Use

Viewing and Resetting Call Timers



Network connection time is the elapsed time from the moment you connect to the network to the moment you end the call by pressing . This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by 3. For billing information, please contact 3 directly.

To view a call timer:

Find the Feature

 > **Recent Calls** > **Call Times**
> *the timer you want*

Select one of the following options:

Last Call	Time spent on the last call dialled or received. You cannot reset this timer.
Dialled Calls	Total time spent on dialled calls since the last time you reset this timer.
Received Calls	Total time spent on calls received since the last time you reset this timer.
All Calls	Total time spent on dialled and received calls since the last time you reset this timer.
Lifetime	Total time spent on all calls on this handset. You cannot reset this timer.

To reset the call timer, press **RESET** () while viewing it.

Using Timers During a Call

You can set a timer to beep at selected intervals during a call, and display different types of information during a call.

Find the Feature

 > **Settings** > **In-Call Setup**
> **In-Call Timer**

Select one of the following options:

Time	Display the approximate elapsed time for the current call.
Cost	Display the cost of the current call (if you subscribe to a call cost option or advice of charge).

Time	Display the approximate elapsed time for the current call.
Total Cost	Display the cost of all calls since the last time you reset the timer (if you subscribe to a call cost option or advice of charge).
Credit Available	Display how much credit you have left (if you subscribe to a call cost option or advice of charge).
Off	No in-call timer display.

Viewing and Resetting Cost Trackers



To view a cost tracker:

Find the Feature



> **Recent Calls** > **Call Cost**

Press

To

1

scroll to the cost tracker you want to view



2 **SELECT**

view the recorded cost

Select one of the following options:

Cost Tracker	Description
Credit Available	Amount of your credit remaining. For GSM advice-of-charge, this is only available if you set a credit limit. Note: <i>Your handset receives cost information from the advice-of-charge feature or third-party prepay software.</i>
Expiration Date	Date that the available credit expires (available only with a subscription to a prepay option).
Last Deposit	Amount of the last deposit (available only with a subscription to a prepay option).
Last Call	Amount spent on the last call you dialled or received. You cannot reset this cost tracker.
Dialled Calls	Amount spent on calls you dialled since the last time you reset this cost tracker.
Received Calls	Amount spent on calls you received since the last time you reset this cost tracker.
All Calls	Amount spent on all dialled and received calls since the last time you reset this cost tracker. You can reset this value separate from Dialled Calls and Received Calls , so Dialled Calls plus Received Calls may not equal All Calls .

To reset the cost tracker:

Press	To
1 RESET ()	reset the cost (if available)
2 OK ()	enter your PIN2 code to confirm the reset

Using Hands Free Features

Your handset includes an integrated two-way speakerphone for all hands free applications. You also receive a hands-free stereo headset, and can purchase an optional Motorola Original™ Easy-Install or Pro-Install Hands-Free Kit for your car. These accessories provide alternative ways for you to use your handset without using your hands.



Notes:

- *When a hands free car kit or headset accessory is connected to your handset, the integrated speakerphone is disabled.*
- *The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.*

Automatic Answer

You can set your handset to automatically answer calls after two rings (four seconds) when connected to a car kit or headset

Find the Feature

 > **Settings**
> **Car Settings** or
Headset
> **Auto Answer**

Ringer Setting

When you have a headset plugged in, this lets you choose whether you hear handset alerts in the **Speaker Only**, **Headset Only**, or the **Headset and Speaker**.

Find the Feature

 > **Settings** > **Headset**
> **Ringer Options**

Automatic Hands Free

You can set up your headset to automatically route calls to a car kit when it detects a connection.

Find the Feature

 > **Settings** > **Car Settings**
> **Auto Handsfree**

Press

To

1 

scroll to **On** or **Off**

2 **SELECT** 

confirm the setting

Power-Off Delay

When your headset is connected to a car kit, you can set it to stay on for a period of time after you switch off the ignition. This prevents the handset from draining your vehicle battery, but leaves the handset on long enough that you do not have to re-enter your unlock code when making short stops.

Note: *This feature may not work with all car ignition switches.*

Caution: If you select **Continuous**, the handset does not power off when you turn off the ignition. Be careful not to drain your vehicle battery if you select this option.

Find the Feature

 > **Settings** > **Car Settings**
> **Power-Off Delay**

Press1 **To**

scroll to the time delay

2 **SELECT** 

confirm your selection

Charger Time

When your handset is connected to a car kit, you can set it to charge itself for a specified time period after you switch off the ignition. This helps ensure that the handset battery gets fully charged while the vehicle is parked.

Note: *This feature may not work with all car ignition switches.*

Find the Feature

> **Settings** > **Car Settings**
> **Charger Time**

Press1 **To**


scroll to the charge time

2 **SELECT** 

confirm your selection

Using Applications During a Call

During a call, you can easily switch to other handset features or make a new Data, Browser, or Voice Call connection:

Press**SWAP** **To**

open a list of options

The list of options includes handset applications, such as **Contacts** and **Calendar**. It also includes any other active connections you have, such as **Active Data Call**, **Active Voice Call**, or **Active Browser**. To start a new call, select **New Call** (this puts any current call on hold).

Changing Your Active Call Settings

You can view and change the number of call and data/browser connections that your handset allows at one time:

Find the Feature



> **Connection** > **Active Calls**

The Active Calls list includes

Option	Description
No. of Calls	the number of active connections your handset allows, which you can increase to the number in the Subscription setting.
Subscription	the maximum number of active connections you subscribed to
Network	the maximum number of active connections your network supports

Connecting Your Handset to an External Device

You can connect your handset to a computer or hand-held device using a Bluetooth™ wireless connection, an infrared wireless link, a serial cable, or a USB cable.

Note: Not all devices are compatible with Bluetooth, infrared, serial cable, or USB cable connections. Check your external device for specifications.

Setting Up a Cable Connection

Attach a serial cable or Motorola Original USB cable to the handset and external device as follows.

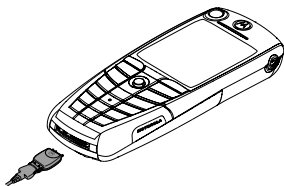
Note: Check your computer or hand-held device to determine the type of cable you need.

Attaching a Serial Cable

Use the interchangeable head on the Motorola Multi-Connect Serial Cable to connect a computer, Palm III device, or Palm V device to your handset.

Do This

- 1 Plug the serial cable into the detachable head. Make sure that the Motorola logo on the detachable head and the metal shielding on the serial cable plug are both facing you.
- 2 With the Motorola logo and the handset both facing you, plug the detachable head into your handset's accessory connector port.
- 3 Plug the other end of the cable into the serial interface connection on the external device and tighten the screws.

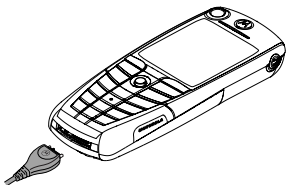


Note: To save handset power when using a serial cable, plug a charger into the charger slot on the cable head.

Attaching a USB Cable

Do This

- 1 Plug the end of the cable with the Motorola logo into your handset's accessory connector port. Make sure that the logo and the handset are both facing you.



- 2 Plug the other end—the USB connection—into the USB port on the external device.

Setting Up an Infrared Connection

Establish an infrared wireless data connection with an external device as follows.

Notes:

- *This handset is classified as a Class 1 LED product and is considered safe under reasonable use.*
- *Your handset must be within one foot (30 centimetres) of the other device. Nothing can block the line of sight between the two devices.*
- *You cannot set up an infrared connection when a serial cable is attached to your handset.*

Find the Feature

 > **Connection** > **IrDA Link**

Press

START 

To

activate the infrared link

If the handset does not find an infrared-capable device, it changes the right soft key () from **STOP** to **START**.

Press

START ()

To

try another connection

To break the infrared data connection, press **STOP** ()

You can also move the device away from the handset, turn off the device, or turn off the handset. If your handset moves away from a connected device while it is still on, it will try to re-connect for 30 seconds after the connection breaks.

Setting Up a Bluetooth Connection

Before connecting your handset to another Bluetooth device, set up the other device as described in its user guide.

For a PC, set up the Bluetooth accessory card, card drivers, and application software. If you want to use Dial-up Networking Services, configure them for the Bluetooth modem as described in the software and modem user guides.

Notes:

- *Your handset must be within 33 feet (10 metres) of the other device. Nothing can block the line of sight between the two devices.*
- *You cannot set up a connection when a serial cable is attached to your handset.*

Connecting a Computer for a Data Call

Prepare your computer to set up the Bluetooth connection, then make your handset available for the connection:

Find the Feature

 > **Connection** > **Bluetooth Link**
> **Setup** > **Find Me**

You have 60 seconds to start the connection from your computer while your handset is available.

Tip: After the first connection with a device, you do not need to select **Find Me** to re-connect.

Connecting and Disconnecting a Headset

To connect an available Bluetooth headset device:

Find the Feature

 > **Connection** > **Bluetooth Link**
> **Handsfree**
> *a device name*
or
[Look For Devices]

Your handset returns to the idle display, where a Bluetooth status bar icon indicates that you have a connection.

Tip: After the first connection with a headset, you can just open the headset to re-connect.

To disconnect:

Find the Feature

 > **Connection** > **Bluetooth Link**
> **Handsfree**
> *the device name*

Turning Bluetooth On or Off

You can turn your handset's Bluetooth feature on or off:

Find the Feature

 > **Connection** > **Bluetooth Link**
> **Setup** > **Power** > **On or Off**

Changing Your Handset's Bluetooth Name

You can assign a name to your handset, so that you can recognise it in the Bluetooth lists on other devices:

Find the Feature

 > **Connection** > **Bluetooth Link**
> **Setup** > **Name**

Press

To

1 keypad keys

enter a handset name

2 **OK** ()

store the new name

Data Calls

A Motorola Original™ data kit with a cable, a Bluetooth™ wireless connection, or an infrared wireless link lets you transfer data between your handset and a computer or other external device. You can:



- use your handset as a modem to connect to the Internet.
- use your handset to make and answer data calls on your computer or hand-held device.

Installing the Software

Install the software from the CD-ROM that comes with your Motorola Original data kit. See the data kit's user guide for more information.

Note: *This software is required to transfer data between your handset and an external device.*

Making a Data Call

Use this feature to transfer data from your computer onto another device, and to synchronise events and contacts information between your handset, computer, and/or hand-held device.

Connect your handset (see page 124) and do the following:

Do This	To
1 Check the handset	make sure that the handset is connected and powered on
2 Open the application on your computer	place the call through the application (such as dial-up-networking) <i>Note: You cannot dial data numbers through your handset's keypad. You must dial them through your computer.</i>
3 End the transfer on your computer	close the call and connection when the transfer is complete

Receiving a Data Call

You can connect your handset to a computer or hand-held device to receive data.

Use this feature to transfer data to your computer from another device.

Transfer the Data

Connect your handset (see page 124).

Your handset notifies you when the data call arrives, and transfers the call to the connected device. You must use the application running on the connected device to answer the call.

End the Data Connection

When the data transfer is complete:

Do This

End the call from the connected device

To

close the connection

Using Sync

This feature lets you quickly synchronise your events and contacts entries with an Internet server using a wireless connection.

Creating an Internet Sync Partner

To enter a computer as a Sync partner for your handset:

Find the Feature



> **Connection** > **Sync** > **New**

Your handset opens a **Partner Details** list:

Detail	Description
Partner Name	A common name you assign to the computer (such as "Work server")
Server URL	The URL for the server (you can omit "http://")
User Name	Your user name for logging into the server
Password	Your password for logging into the server
(data) Path	The name of the folder, beneath the URL path, where your data is stored

Using an Internet Sync Partner

To start synchronising with a Sync partner:

Find the Feature


 > **Connection** > **Sync**
> *partner name*

Your handset attempts a Sync connection with the URL, user name, and password you entered for the partner. This might take several minutes, if there are many entries to synchronise.

Sending Files from Your Handset

You can send pictures, sounds, bookmarks, events, and contacts entries to a connected computer. Open the object you want to send on your handset, then:

Find the Feature

 > **Send** > *sending method*

If you choose IrDA or Bluetooth methods, this creates a wireless link that closes after the entry is sent. To set up a cable connection, see page 124.

Adjusting Network Settings



3 registers your handset to a network. You can view information about the current network, change how your handset searches for a network, specify your preferred networks, and activate alerts that indicate when a call is dropped or network registration changes.

Find the Feature

 > **Settings** > **Network**

Monitoring Battery Charge

To view a detailed battery charge meter:

Find the Feature

 > **Settings** > **Phone Status**
> **Battery Meter**

Viewing Handset Specifications

To view your handset's feature specifications:

Find the Feature



**> Settings > Phone Status
> Other Information**

Personal Organiser Features

Calendar

The calendar lets you schedule and organise events such as appointments and meetings. You can review your schedule of events for the month or by the day, and have your handset play a reminder alarm for specific events.

Note: You must set the correct time and date in order to use the calendar (see page 53).

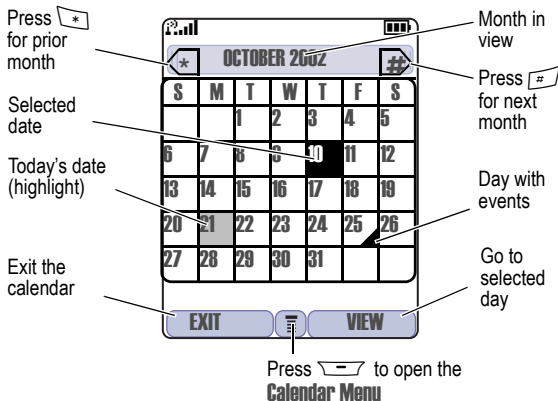
To schedule or review events:

Find the Feature


 > Tools > Calendar

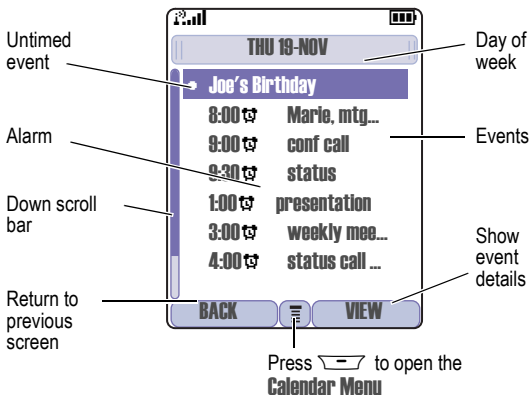
Viewing by the Month

Triangles next to each day indicate events.




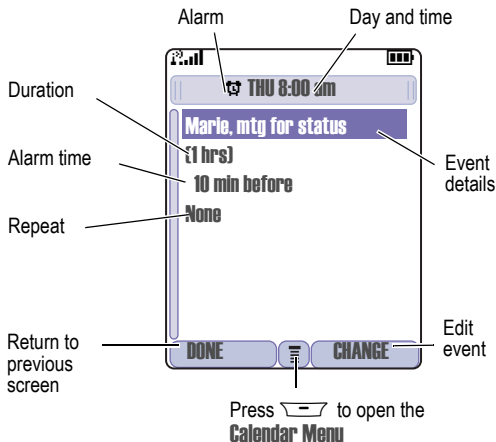
Viewing by the Day

Select a day in the month view and press **VIEW** () to see the day's events. You can store, edit, view, copy, and delete any event from the day view.



Viewing by the Event

Select an event in the day view and press **VIEW** () to open the detailed event view. You can edit, copy, and delete events from the event view.



Adding a New Event





A title is required for a calendar event. All other information is optional.

Notes:

- You must create an event to use the reminder alarm.
- Your handset must be turned on for the reminder alarm to sound.

Find the Feature





 > **Tools** > **Calendar** > *day*
 > **New** > **Event**

Press	To
1 CHANGE ()	select Title
2 keypad keys	enter a title for the event (to enter text, see page 31)
3 OK ()	store the event title
4 	scroll to other fields and enter information as necessary You can set start time, duration, date, repeating events, and reminder alarm.
5 DONE ()	store the event

Changing Event Information

Find the Feature












 > **Tools** > **Calendar** > *day*
> *event*

Press	To
1 EDIT ()	edit the event
2 	scroll to the detail you want to change
3 CHANGE ()	edit the information
4 keypad keys	enter the new information
5 DONE ()	store the information and return to the day view

Copying an Event

Find the Feature

 > **Tools** > **Calendar**

Press	To
1 	scroll to the day
2 VIEW ()	display the day view
3 	scroll to the event to copy
4 	open the Menu
5 	scroll to Copy
6 SELECT ()	copy the event
7 YES ()	confirm the copy
	Your handset assumes that you want to change the date, and displays the Date field.
8 keypad keys	enter the date information
9 	move to the month, day, and year
10 DONE ()	save the copy of the event
11 	scroll to event details and edit the information as necessary
12 DONE ()	store the new event and return to the day view



Deleting an Event








Find the Feature

 > **Tools** > **Calendar**

Press




To

- | | |
|-------------------------------------------------------------------------------------------------------|-----------------------------------|
| 1  | scroll to the scheduled event day |
| 2 VIEW () | display the day view |

Press	To
3 	scroll to the event to delete
4 	open the Menu
5 	scroll to Delete
6 SELECT ()	select Delete For non-repeating events, go to step 7. For repeating events, the handset displays a delete event menu:
a 	scroll to This Event Only or Repeat Events
b SELECT ()	select the event(s) to delete
7 YES ()	confirm the deletion The handset briefly displays a Deleted: message and returns you to the day view.

View and Dismiss an Event Reminder

When you set a reminder alarm for an event, the handset displays an event reminder and sounds a reminder alarm (to set change reminder settings, see page 100).

Press	To
VIEW ()	view the event
or	Press  to scroll through the event details.
EXIT ()	dismiss the reminder

If you have more than one event set up for the same time, the handset displays each event in sequence. As you view and dismiss each event reminder, the next one is displayed.

Change the Calendar Setup

You can change the calendar's daily start time, and set the length of time that events are stored.

Find the Feature

 > **Tools** > **Calendar**
 > **Setup**

Sending an Event

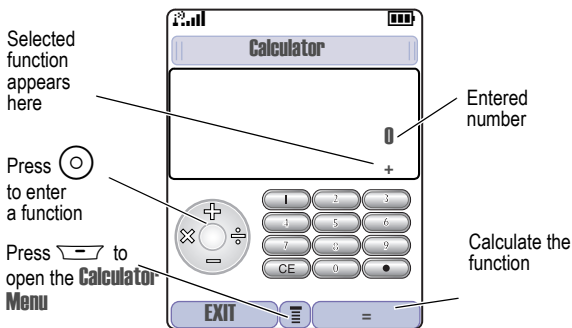
You can send pictures, sounds, bookmarks, events and contacts entries to a connected computer. See page 132.

Calculator and Currency Converter

You can use your handset as a calculator and currency converter.

Find the Feature

 > **Tools** > **Calculator**



Press  to open the Calculator Menu functions:

Function	Description
MS	Store the displayed number in memory.
MC	Clear memory.
MR	Recall the value stored in memory.
%	Divide the displayed value by 100.
Convert Currency	Multiply the displayed value by the Exchange Rate you stored.
Exit	Exit the calculator.
ExchangeRate	Store an exchange rate to use with the Convert Currency menu option.

Security

Line Security

If your handset displays **Line Not Secure** while you are on a call, your handset has detected another device monitoring the call. This message does not appear when caller ID, call cost, or other information fills the display.

Locking the SIM Card

Your PIN (Personal Identification Number) code protects the information stored on your SIM card. When the SIM PIN feature is activated, you must enter your SIM card PIN code each time you turn on the handset or insert a SIM card. Contact **3** for your SIM card PIN code.

Find the Feature



> **Settings** > **Security**
> **SIM PIN**

Press

1 

To

scroll to **On** or **Off**

2 **SELECT** ()

switch protection on or off

3 keypad keys

enter your SIM card PIN code

4 **OK** ()

submit your code

Note: You can also activate your **PIN2** code, to protect secure applications such as *Fixed Dial*.

Unlock the SIM Card PIN Code

If you enter an incorrect SIM card PIN code three times in a row, your SIM card is disabled and your handset displays the message **SIM Blocked**. You need to enter a PIN unblocking key (PUK) code, which you can obtain from 3.

Note: In the following key sequence, each key press must occur within two seconds of the previous keypress.

Caution: If the unblocking attempt is tried unsuccessfully 10 times, the SIM card is permanently disabled and your handset displays the message **SIM Disabled**.




Press

1   0*   *






To

open the PIN unblocking editor

Your handset prompts you to enter the **PIN Unblock Sequence**:

2 PUK code + OK 
+ new PIN code + OK 
+ new PIN code + OK 

unlock the SIM card PIN features






Note: You can open the PIN2 unblocking editor by entering   0*   2* . Use the PUK2 code in place of the PUK code in the above procedure.

Locking and Unlocking Applications

You can lock many handset applications (for example, the contacts) so that users must enter the unlock code to use them.




Find the Feature

 > **Settings** > **Security**
> **Lock Application**

Press	To
1 keypad keys	enter your four-digit unlock code
2 OK ()	open the lock applications menu
3 	scroll to the application you want to lock or unlock
4 CHANGE ()	select the application
5 	scroll to Locked or Unlocked
6 SELECT ()	select Locked or Unlocked

News and Entertainment




Mobile Internet

3 provides services for you to use over the Internet. Select **Browser** or press  to open a menu of the services. To get back to this menu when you are in a service, just press . To stop browsing, press .

Note: Your handset may be configured to use a high-speed packet data network connection. This type of connection can be identified by a packet data status indicator at the top of your display. If a connected call indicator is displayed when you start a micro-browser session, your handset is using a standard voice channel connection. Your network connection charges may vary depending on the type of connection used.

Starting a Mobile Internet Session






The micro-browser displays the programmed home page.

Press	To
1 	open the micro-browser
2 	scroll to a bookmark, service, or application
3 SELECT ()	select the service

Shortcut: If you open a text message with a Web address (URL) in it, you can go directly to the URL by selecting  > **Go To**.

If you are unable to establish a network connection with the micro-browser, contact 3.

Interacting With Web Pages

Do This	To
Press  up or down	scroll through a page
Press 	open the Browser Menu
Press and hold 	store the current Web page as a Web Shortcut
Press  	lock your handset's keypad while downloading a file

The **Browser Menu** can include the following:

Option	Description
Home	Goes to the current Web Sessions home page.
Reload	Reloads the current page.
Go to URL	Lets you enter a Web page address.
Web Shortcuts	Displays Web Shortcuts
Store	Lets you store the current page, or an image, phone number, or Email address from the page.
Send	Lets you send the current Web page address.
History	Displays the pages you have visited, with the most recent on top.
Swap	Lets you switch between active calls.
View URL	Displays the current URL.

Web Page Security

Your handset can provide secure Web pages connections for purchases or other transactions. Your handset uses three types of certificates to provide this security. It uses **Client** certificates to identify itself to Web pages. Your handset downloads **Server** certificates from servers and checks them against the **Root** certificate.

To view certificate details:

Find the Feature

 > **Tools** > **WebAccess**
> **Browser** > **Security**
> *certificate type*

Your handset displays a list of the selected certificates. Select a certificate to view its details.

Note: Client certificates include a **Remove** option below their details list. Select this option to remove the certificate. A letter next to the client certificate name indicates if it is stored on the phone (**P**) or a SIM card (**C**).




Download Pictures and Sounds

You can download a picture, animation, or sound from a Web page by selecting its link. A picture or animation is displayed when downloading is complete. A sound begins to play when downloading is complete.

Note: The files that you download or receive as attachments might have a lock that keeps you from forwarding them.






You can store these files on your handset to use them as screen saver images, wallpaper images, and alert tones.

Storing a Picture or Animation File

Press	To
1 STORE 	view storage options
2 	scroll to Store Only , Set As Wallpaper , or Set as Screen Saver
3 SELECT 	select the option

Note: When you set an animation as a wallpaper image, only the first frame of the animation is displayed.


Storing a Sound File

Press	To
1 STORE 	view storage options
2 	scroll to Store Only or Set As Ring Tone
3 SELECT 	select the option If you select Store Only , the procedure is complete. If you select Set As Ring Tone , your handset displays Set As Which? , and lists the events for which you can set an alert.
4 	scroll to the event
5 SELECT 	store the sound and set it as the event alert

Note: Some ring tones vibrate automatically. If you use one of these tones, your phone vibrates even when it is not set to **Vibrate** or **Vibe&Ring**. To turn off these vibrations, press  > **Settings** > **Initial Setup** > **Vibe Sync** > **On** or **Off**

Java Applications



You can install and run Java applications on your handset. These applications add new features and services to your handset. New games and applications are available from **3** and can be accessed by pressing . Contact **3** for more details.

Note: Java applications can use your phone's Assisted Global Positioning Service (AGPS) to tell where you are physically located. To turn AGPS on or off, see page 52.

Downloading an Application

Find the Feature

 **> Tools > WebAccess
> Browser**

Go to the page that contains the application, then:

Press

1 

To

scroll to the application

2 **SELECT** ()

view the application details


3 **DOWNLOAD** ()

download the application

You may see one of the following error messages when you download a kJava application. This section describes some common problems and their solutions.

Problem	Resolution
Insufficient Storage or Memory Full	You must delete another Java application before storing the file. See page 151.

Problem	Resolution
Application Already Exists	The same version of this application is already installed. If an older version is installed, the message Different Version Exists appears, and you can update the application.
Failed: Invalid File or Failed: File Corrupt	The application file does not work on your handset. Contact the Web site host for details.

Note: Some games make your phone vibrate. To turn off these vibrations, press  > **Settings** > **Initial Setup** > **Vibe Sync** > **On** or **Off**

Launch a Java Application


Find the Feature  > **Games & Apps**
> *the application*

Edit Network Connection Settings

Entering the DNS IP Address

Your handset must be set up with a valid domain name service (DNS) IP address before you can run Java applications that require an active network connection. In many cases, your service provider has already entered this address for you. Contact your service provider to obtain the DNS IP address, if necessary.

Find the Feature  > **Settings** > **Java Settings**
> **DNS IP**

Press	To
1 keypad keys	enter the DNS IP address
2 OK 	save the IP address

Approving a Network Connection

When a Java application tries to establish a network connection, your handset prompts you to approve the connection. To automatically approve connections for Java applications:

Find the Feature



> **Settings** > **Java Settings**
> **Network Access**

Press

1

To

scroll to **Always Ask**,
Ask Once Per App, or **Never Ask**

2 **SELECT** ()

select the highlighted setting

Use Control Keys

Your handset's keys perform the following functions in a Java application.

Key	Function
	Move up, down, left, or right in a game.
	"Fire" your weapon in a game.
	End the application.
	Call a number in the application.
	Open the Java applications menu.

Analyse or Delete a Java Application

Find the Feature



> **Games & Apps**

Press

1

To

scroll to the application

Press**2** **To**

open the application manager menu

3 

scroll to a menu option

4 **SELECT** 

select the option to perform procedures as described in the following list

The application manager menu includes the following options:

Option	Description
View Details	Display the suite name, vendor, version, number of apps, flash usage, and memory requirements.
Delete	Delete the suite.
Show Memory or Hide Memory	Show or hide the application's memory size in the application list view.

View Java Version and Available Memory

To view Java version information, or the amount of handset memory available for Java applications:

Find the Feature **> Settings > Java Settings
> Java System****Press****1** **To**

scroll through information as described in the following list

2 **OK** 

close the display

Option	Displays
CLDC Version	The connected limited device configuration version on your handset.
MIDP Version	The mobile information device profile version on your handset.
Data Space	Memory available for application data (such as contacts entries or game scores).
Program Space	Amount of free memory available for Java applications.
Heap Size	Amount of runtime memory available for Java applications.
Flash Space	Available space for Java applications, including free memory and used memory.

To automatically show an application's memory size in the application list view, see page 151.

Games

You can download Java games to your handset (see page 149). If you get an incoming call, message, alarm, or alert, the game ends automatically.

Note: Some ring tones vibrate automatically. If you use one of these tones, your phone vibrates even when it is not set to **Vibrate** or **VibeCRing**. To turn off these vibrations, press  > **Settings** > **Initial Setup** > **Vibe Sync** > **On or Off**

To open a game that is on your handset:

Find the Feature



> **Games & Apps**

Press

1

To

scroll to the game of your choice

2 **SELECT** ()

start the game

When the game is over:

Press	To
BACK ()—left) or NO ()—left)	return to the games menu
NEW ()—right) or YES ()—right)	start another session of the game you just played

SIM Applications



You can access information and applications stored on your SIM card.

To access the available applications:

Find the Feature









> **Tools** > **SIM Applications**

Contact **3** for more details.


Troubleshooting



Check these questions first if you have problems with your handset:


Question	Answer
Is your battery charged? Do you see  in the display?	The battery level indicator should have at least one segment showing (). If it does not, recharge your battery. See pages 19 and 19.
Do you have a valid SIM card inserted in your handset?	If necessary, turn off your handset and make sure that you have inserted a valid SIM card (see page 16).
Does the handset have a signal? Do you see  in the display?	The signal strength indicator should have at least one segment showing (). If it does not, move to an area with a stronger signal to use your handset.
Is the earpiece volume too low?	While on a call, press the top of the  key.
Is the other party unable to hear you?	Your handset may be muted. Press UNMUTE () if necessary to unmute the handset. Also, make sure that your handset's microphone is not blocked by its carrying case or a sticker.





Question	Answer
Has the handset been damaged, dropped, or gotten wet?	Dropping your handset, getting it wet, or using a non-Motorola battery charger can damage the handset. The handset's limited warranty does not cover liquid damage or damage caused from using non-Motorola accessories.
Was a non-Motorola battery charger used?	

The following refer to specific problems:


Problem	Solution
My handset was stolen. To whom should I report this?	Report a stolen handset to the police and to 3.
I forgot my password.	See page 44.
I pressed the end/power key, but nothing happened.	Be sure to press and hold  (the end/power key) until the display appears and you hear an audible alert (this could take a couple of seconds). If nothing happens, check that the battery is charged (see page 19.)
The display says: Insert SIM Card or Check SIM Card even though I have inserted my SIM card in the handset.	<p>The SIM card may be incorrectly inserted. Check the SIM card to make sure that it is inserted properly (see page 16).</p> <p>Note: Be sure to turn your handset off and then back on after you re-insert the SIM card.</p>

Problem	Solution
The display says: SIM Blocked. How do I unblock my SIM card?	Call 3 to obtain the PIN unblocking key (PUK) code. See page 143.
The display says: Enter Unlock Code. How do I unlock my handset?	Enter the factory-preset unlock code (1234), or the last four digits of your phone number (see page 41). If this fails, call 3.
My handset asks for an unlock code when I try to open a feature.	The application you want is locked. If you own the handset but do not know the unlock code, see page 44.
My handset does not ring.	If you see  or  in the display, then the ringer is turned off. To change the ring style, see page 53. Also, the ringer may be set to Silent even though your handset is set to a ring alert profile.
My handset rings even though I selected the Silent (or Vibrate) alert profile.	The ringer may be set to play a tone even though your handset is set to a silent alert profile. To change the ring style, see page 53.
I tried to place a call and heard an alternating high/low tone.	Your call did not reach the wireless system. You may have dialed the number too soon after turning the handset on. Wait until the display shows 3 before making a call.

Problem	Solution
<p>I cannot make/answer calls.</p>	<p>Make sure that you have a handset signal (see the “Signal Strength Indicator” item on page 25). Avoid electrical or radio interference, and obstructions such as bridges, parking garages, or tall buildings.</p> <p>Your handset also may have the Call Barring feature turned on. If you know the unlock code, you can change this setting in the security menu ( > Settings > Security). Also, check to be sure your SIM card is installed and working.</p>
<p>My handset has poor reception and drops calls.</p>	<p>Make sure you have a handset signal (see the “Signal Strength Indicator” item on page 25). Stay clear of any obstructions such as bridges, parking garages, or tall buildings.</p>
<p>The display says: Data Calls Only.</p>	<p>You are in an area where the network does not support voice calls. You can only make data calls until you move to another network.</p>
<p>I cannot hear others on my handset.</p>	<p>While on a call, press the volume key on the left side of your handset. Your handset display should show the volume increasing.</p> <p>Also, make sure that your handset's earpiece is not blocked by its carrying case.</p>
<p>I cannot open my inbox.</p>	<p>Before you can use text messages, you must set up the appropriate inbox. See page 69.</p>

Problem	Solution
How do I see the calls I sent or received?	<p>To see the most recent calls you dialled or received, open the “Recent Calls” lists:</p> <p> > Recent Calls > Received Calls or > Dialled Calls</p>
My handset will not dial voicemail commands, passwords, or other codes.	<p>Your handset sends commands and passwords as DTMF tones. You can set your handset's DTMF tones to be Long, Short, or Off. If you have trouble sending numbers, check your DTMF setting.</p> <p>From the idle display, press:</p> <p> > Settings > Initial Setup > DTMF Press  to scroll to Long or Short. Press SELECT () to select it.</p>
What can I do to extend battery life?	<p>Your battery's performance is affected by charge time, feature use, temperature changes, and other factors. For tips on extending your battery life, see page 19.</p>

Problem	Solution
<p>I plugged the data cable into my handset but my handset did not beep. How do I know if the data cable is ready to go?</p>	<p>The beep indicates that you are set up correctly. If you did not hear a beep, make sure that both ends of the data cable are connected—the smaller end to your handset and the larger end to your computer.</p> <p>Finally, your computer may have deactivated the port to save power. Try opening an application that uses the port, like a dial-up application, and your computer will automatically activate the port.</p>
<p>My handset beeped when I attached the data cable, but my data applications don't work.</p>	<p>Some wireless networks may not support data transmission. If you are roaming on an unfamiliar network, this may be the case.</p> <p>Also, remember that data transmission usually requires a subscription. Call 3 for more information.</p>
<p>When sending data with the data cable, why does the computer show a connection rate of 19200 Kbps?</p>	<p>19200 Kbps is the data transfer rate of the connection between your computer and the handset in a standard CSD (Circuit Switch Data) connection. The rate of the connection between your handset and the network is displayed on your handset, and will be either 14400 or 9600 Kbps.</p> <p>A GPRS connection may have a higher data transfer rate.</p>

Problem	Solution
<p>I can't end my data call by closing the application on my computer. What can I do?</p>	<p>Try pressing  on your handset. Also try disconnecting the cable or turning off the handset. If possible, always close the connection through your computer. These alternative methods may disrupt the application on your computer.</p>
<p>I launched the micro-browser but the display says: Service Not Available.</p>	<p>You may be in an area without service, or you may be connected to a network that does not support Internet access.</p>
<p>I launched the micro-browser but the display says: Data Server Unavailable.</p>	<p>Try again in a few minutes. The servers may be temporarily busy.</p>

Specific Absorption Rate Data

This model handset meets international standards for exposure to radio waves

Your mobile handset is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your handset model, the SAR limit is 2.0 W/kg.* Tests for SAR are conducted in accordance with CENELEC** testing procedures using standard operating positions with the handset transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the handset while operating can be well below the maximum value. This is because the handset is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the handset.

Before a handset model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions and locations (e.g., at the ear and worn on the body) that conform to a uniform testing methodology determined by an expert standards body. The highest SAR value for this model handset when tested for use at the ear is: 0.55 W/kg.***

While there may be differences between the SAR levels of various handsets and at various positions, they all meet the governmental requirements for safe exposure. Please note that modifications to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

- * The SAR limit recommended by international guidelines (ICNIRP) for mobile handsets used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.
- ** CENELEC is a European Union standards body.
- *** Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

Warranty Information

Motorola guarantees you, the original purchaser, the Personal handset and accessories which you have purchased from an authorised Motorola dealer (the "Products"), to be in conformance with the applicable Motorola specifications current at the time of manufacture for a term of [1] year from date of purchase of the Product(s) (Warranty Term).

You must inform Motorola of the lack of conformity to the applicable specifications of any of the Products within a period of two (2) months from the date on which you detect a defect in material, workmanship or lack of conformity and in any event within a term not to exceed the Warranty Term, by submitting the Product for service to Motorola. Motorola shall not be bound by Product related statements not directly made by Motorola nor any warranty obligations applicable to the seller.

A list of the Motorola Call Centre numbers is enclosed with this Product.

During the Warranty term, Motorola will, at its discretion and without extra charge, as your exclusive remedy, repair or replace your Product which does not comply with this warranty; or failing this, to reimburse the price of the Product but reduced to take into account the use you have had of the Product since it was delivered. This warranty will expire at the end of the Warranty Term.

This is the complete and exclusive warranty for a Motorola Personal handset and accessories and in lieu of all other warranties, terms and conditions, whether express or implied.

Where you purchase the product other than as a consumer, Motorola disclaims all other warranties, terms and conditions express or implied, such as fitness for purpose and satisfactory quality.

In no event shall Motorola be liable for damages nor loss of data in excess of the purchase price nor for any incidental special or consequential damages* arising out of the use or inability to use the Product, to the full extent such may be disclaimed by law.

This Warranty does not affect any statutory rights that you may have if you are a consumer, such as a warranty of satisfactory quality and fit for the purpose for which products of the same type are normally used under normal use and service, nor any rights against the seller of the Products arising from your purchase and sales contract.

(*)including without limitation loss of use, loss of time, loss of data, inconvenience, commercial loss, lost profits or savings.

How to get warranty service?

In most cases the authorised Motorola dealer which sold and/or installed your Motorola Personal handset and original accessories will honour a warranty claim and/or provide warranty service. Alternatively, for further information on how to get warranty service please contact either the customer service department of your service provider or Motorola's call centre at the telephone numbers below for your country.

In order to claim the warranty service you must return the Personal handset and/or accessories in question to Motorola. Please avoid leaving any supplementary items like USIM cards. The Product should also be accompanied by a label with your name, address, and telephone number; name of operator and a description of the problem. In the case of vehicular installation, the vehicle in which the Personal handset is installed should be driven to the Authorised Repair Centre, as analysis of any problem may require inspection of the entire vehicular installation.

In order to be eligible to receive warranty service, you must present your receipt of purchase or a comparable substitute proof of purchase bearing the date of purchase. The handset should also clearly display the original compatible electronic serial number (IMEI) and mechanic serial number [MSN]. Such information is contained with the Product.

Conditions

This warranty will not apply if the type or serial numbers on the Product has been altered, deleted, duplicated, removed, or made illegible. Motorola reserves the right to refuse free-of-charge warranty service if the requested documentation can not be presented or if the information is incomplete, illegible or incompatible with the factory records.

Repair, at Motorola's option, may include reflashing of software, the replacement of parts or boards with functionally equivalent, reconditioned or new parts or boards. Replaced parts, accessories, batteries, or boards are warranted for the balance of the original warranty time period. The Warranty Term will not be extended. All original accessories, batteries, parts, and Personal handset equipment that have been replaced shall become the property of Motorola. Motorola does not warrant the installation, maintenance or service of the products, accessories, batteries or parts.

Motorola will not be responsible in any way for problems or damage caused by any ancillary equipment not furnished by Motorola which is attached to or used in connection with the Products, or for operation of Motorola equipment with any ancillary equipment and all such equipment is expressly excluded from this warranty.

When the Product is used in conjunction with ancillary or peripheral equipment not supplied by Motorola, Motorola does not warrant the operation of the Product/peripheral combination and Motorola will not honour any warranty claim where the Product is used in such a combination and it is determined by Motorola that there is no fault with the Product. Motorola specifically disclaims any responsibility for any damage, whether or not to Motorola equipment, caused in any way by the use of the Personal handset, accessories, software applications and peripherals (specific examples include, but are not limited to: batteries, chargers, adapters, and power supplies) when such accessories, software applications and peripherals are not manufactured and supplied by Motorola.

What is not covered by the warranty

This warranty is not valid if the defects are due to damage, misuse, tampering, neglect or lack of care and in case of alterations or repair carried out by unauthorised persons.

- 1** Defects or damage resulting from use of the Product in other than its normal and customary manner.
- 2** Defects or damage from misuse, access to incompatible sources, accident or neglect.
- 3** Defects or damage from improper testing, operation, maintenance, installation, adjustment, unauthorised software applications or any alteration or modification of any kind.
- 4** Breakage or damage to antennas unless caused directly by defects in material or workmanship.
- 5** Products disassembled or repaired in such a manner as to adversely affect performance or prevent adequate inspection and testing to verify any warranty claim.
- 6** Defects or damage due to range, coverage, availability, grade of service, or operation of the cellular system by the cellular operator.
- 7** Defects or damage due to moisture, liquid or spills of food.
- 8** Control unit coil cords in the Product that are stretched or have the modular tab broken.
- 9** All plastic surfaces and all other externally exposed parts that are scratched or damaged due to customer normal use.
- 10** Leather cases (which are covered under separate manufacturer's warranties).
- 11** Products rented on a temporary basis.
- 12** Periodic maintenance and repair or replacement of parts due to normal wear and tear.

Note: The talk-time, stand-by time and total life cycle of a Motorola rechargeable battery for your Personal handset will depend on usage conditions and network configurations. As a consumable product, the specifications indicate that you should be able to obtain optimum performance for your Motorola Personal handset within the first six months from date of purchase and up-to (200) charges.

The warranty for Motorola rechargeable batteries becomes void if (i) the batteries are charged other than by Motorola approved battery chargers specified for the charging of the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, (iii) the battery is used in equipment or service other than the cellular telephone equipment for which it is specified.

Index

A

- accessories
 - connector ports 1
 - optional 16, 121, 129
 - standard 16
- Add Digits** feature 63
- AGPS 50
- alert
 - creating 101
 - defined 53
 - indicators 27, 53
 - muting 22
 - reminders 100
 - setting 148
 - turning off 54, 60
- animation 108
 - screen saver, setting 47, 148
 - storing 147
 - using 46
 - wallpaper 54
 - wallpaper, setting 47, 148
- application, locking and unlocking 143
- appointments. *See* calendar
- Attach Number** feature 63, 64
- automatic redial 58

B

- backlight 55, 56
- barring calls 114
- battery
 - car kit charger time 123
 - charging 19
 - extending battery life 19, 56, 108, 159
 - installing 18
 - level indicator 19, 27
- block cursor, defined 33
- Bluetooth 124, 127, 129
- browser. *See* micro-browser

C

- calculator 140
- calendar
 - adding an event 136
 - alarm 137
 - changing event information 137
 - copying an event 137
 - day view 134, 135
 - deleting an event 138
 - event view 136
 - reminders 100, 137

call

- adding digits after phone number 63
- alert profile, setting 53
- alert, creating 101
- alert, muting 22
- alert, turning off 60
- answering 23
- barring 114
- call waiting 66
- calling card 86
- cancelling 60
- costs 119
- deleting 61
- dialled calls list 61
- dialling 22
- dialling a recent call 61
- emergency number 60
- ending 22, 23
- hold 67
- ignoring 60
- making 22
- placing 22
- prefix digits, inserting 64
- received calls list 61
- receiving 23
- recent calls 61
- storing 61
- terminating 60
- timing 117
- transferring 67

- unanswered call 63
- video 49, 62, 81, 89
- video preview 49

- call barring 114
- call cost information 119
- call diverting 113
- Call Failed** message 58
- call timers 117
- call waiting 66
- caller ID
 - incoming calls 59
 - lights 56
 - outgoing calls 63

- calling card call 86

- calling line identification. *See* caller ID

- call-light ID 56, 85, 91

- camera 45, 49

car kit

- automatic answer 121
- automatic hands free 122
- charger time 123
- power-off delay 122

computer

- connecting to handset 124, 129

- conference call 112

contacts

- attaching two numbers 63
- capacity, checking 97
- copying entries 95

- deleting an entry 90
- details 83
- dialling a number 88
- editing an entry 89
- email address 83
- entry name 83
- number type indicator 83
- 1-touch dial 65
- phone number 83
- prefix digits, inserting 64
- primary number, setting 94
- private entries 93
- sorting entries 93
- speed dial number 65, 83, 85
- speed dial, using 65
- storing an entry 84
- voice name entry 87
- voice name indicator 83

copy text 39

cost trackers 119

credit information 120

cursor 32

customer service, calling 116

customising the menu 106

cut text 39

D

data call

- connecting to external device 124, 129

- receiving 130
- sending 129
- wireless connection 126, 127

Data Calls Only 158

date, setting 53

datebook. See calendar

default passwords 43

deleting a call 61

dialled calls list 61

dialling

- voice dial 88

dialling a number 22

display

- animation 108
- backlight 55, 56
- described 24
- language 107

diverting calls 113

DTMF tones 62, 63, 117, 159

E

earpiece

- volume, adjusting 22

email address, storing in

- contacts 84

emergency number 60

end key

- functions 1, 22, 23, 28

ending a call 22, 23

Enter Unlock Code message 42, 44

external device
connecting to handset 124,
129

F

fixed dial
defined 115
described 115
dialling numbers 115
editing an entry 89, 115
storing an entry 84
turning on/off 115
using 115
flashing cursor, defined 32
frequency, changing 132

G

games 153

H

hands free mode
automatic answer 121
automatic call routing 122
charger time 123
power-off delay 122
handset
accessories, optional 16
accessories, standard 16
alert, turning off 60

connecting to external
device 124, 129
credit available 120
date, setting 53
frequency, changing 132
language, setting 107
locking 41
network settings 132
1-touch dial 65
passwords 43
security code 44
time, setting 53
turning on/off 21
unlock code 44
unlocking 21, 41
wireless connection 126,
127

headset
automatic answer 121
Hide ID feature 63
hold a call 67

I

ignoring a call 60
inbox, text message 69
incoming call
cancelling 60
ignoring 60
terminating 60
Incoming Call message 59

- indicators
 - alert setting 27, 53
 - battery level 19, 27
 - menu 24
 - message 26
 - missed call 63
 - packet data 145
 - ring alert 27
 - service 26
 - signal strength 25
 - silent alert 27
 - text entry 26
 - vibrate alert 27
 - voice name 83
- infrared connection
 - setting 126
- IrDA link 124, 126
- iTAP software
 - deleting text 39
 - entering words 36

J

- Java applications 149
- joystick 27

K

- key
 - end 1, 22, 23, 28
 - left soft key 1, 28, 107
 - menu 1, 28
 - power 21

- right soft key 1, 28, 107
- send 1, 22, 23, 28, 61
- video 49
- volume control 22

L

- language, setting 107
- Last Calls Menu**
 - opening 62
 - options 62
- left soft key
 - customising 107
 - functions 1, 28
- lights 55
- location 50
- lock
 - application 143
 - handset 41
 - SIM card 142
- loud ring alert 27

M

- making a call 22
- menu
 - Browser Menu** 146
 - Calculator Menu** 140
 - Calendar Menu** 134, 135, 136
 - Contacts Menu** 83
 - customising 106
 - entering text 31
 - features 112

- indicator 24
 - language, setting 107
 - Last Calls Menu** 62
 - lists 30
 - My Tones Menu** 105
 - navigating 27, 29
 - Picture Viewer** 46, 49
 - rearranging features 106
 - scroll feature 108
 - Shortcuts 109
 - Text Msg Menu** 82
 - menu key 1, 28
 - message
 - alerts during calls 54
 - deleting 80
 - deleting, text 82
 - download setting 70
 - inbox setup 69
 - lights 56
 - locking 80
 - locking, text 82
 - outbox 78
 - reading 80
 - reading, text 82
 - receipts 78
 - receiving 79
 - reminders, text message 79, 100
 - reminders, voicemail 100
 - sending 75
 - status 78
 - voicemail 65
 - message indicator
 - defined 26
 - micro-browser
 - animation 147
 - Browser Menu** 146
 - defined 145
 - functions 146
 - Java applications 149
 - picture 147
 - sound 147
 - starting 145
 - microphone 1
 - missed call indicator 63
 - Missed Calls** message 63
 - my tones 101
 - My Tones Menu** 105
- ## N
- 'n' character 86
 - network settings 132
 - notepad
 - defined 64
 - entering digits 64
 - notice lights 56
 - numeric text entry method 41
- ## O
- 1-touch dial
 - defined 65
 - setting preference 65, 97

- using 65
- optional accessory, defined 16
- optional feature, defined 16
- outbox 78

P

- packet data 145
- passwords
 - changing 43
 - default 43
- paste text 39
- pause character 86
- phone
 - speed dial, using 65
 - text entry indicator 26
- phone number
 - adding digits after 63
 - attaching to prefix digits 64
 - attaching two numbers 63
 - redialling 58
 - sending text message to 75
 - storing in contacts 84
- picture
 - contacts entry, storing 85
 - screen saver, setting 47, 148
 - storing 147
 - using 46
 - wallpaper, setting 47, 54, 148

- PIN code
 - activating/deactivating 142
 - defined 142
 - protecting the SIM card 142
 - unblocking 143

- PIN2 code 116, 143

- power key 21

- predictive text entry
 - deleting text 39
 - entering words 36

- profile 53

- PUK code 143

Q

- quick dial
 - setting number 116
 - using 116

R

- receipts, text message 78
- received calls list 61
- receiving a call 23
- recent calls 61
- redial
 - automatic redial 58
 - busy number 58
- reminders
 - calendar 137
 - setting 100
 - text message 79, 100
 - voicemail message 100

- right soft key
 - customising 107
 - functions 1, 28
- ring alert
 - creating 101
 - indicators 27
 - muting 22
 - setting 53
 - turning off 60
- ring and vibrate alert
 - indicator 27
 - muting 22
 - turning off 60
- ringer
 - setting 53
 - volume, adjusting 22
- roam. See service indicator

S

- screen saver 47, 148
- scroll feature 108
- security code 44
- send key 1, 22, 23, 28, 61
- sending a call. See making a call
- service dial 116
- service indicator 26
- short message service. See text message
- shortcuts
 - creating 109

- standard 109
- using 110
- Show ID** feature 63
- signal strength indicator 25
- silent alert indicator 27
- SIM applications 154
- SIM Blocked** message 21, 143
- SIM card
 - applications 154
 - defined 16
 - installing 16
 - PIN code entry 21
 - precautions 17
 - protecting 142
 - service phone numbers 116
 - SIM Blocked** message 21, 143
 - SIM Disabled** message 143
 - unblocking 143
 - unlocking 21
- SIM PIN code
 - activating/deactivating 142
 - protecting the SIM card 142
 - unblocking 143
- SIM PIN2 code 116, 143
- SMS. See text message
- soft keys
 - customising 107
 - illustration 1, 28
- soft ring alert 27
- sound
 - setting as alert tone 148

- storing 147
- speakerphone 22
- speed dial
 - changing number 85
 - number, defined 65
 - sorting contacts by 93
 - using 65
- storing a call 61
- symbol text method 39
- symbol text mode 37
- symbols, entering 37, 39

T

- tap method text entry 32
- text
 - block cursor 33
 - character chart 34
 - copy 39
 - cut 39
 - entering from keypad 31
 - entry method, setup 41
 - entry mode, changing 40
 - flashing cursor 32
 - iTAP software predictive text entry 35
 - numeric entry method 41
 - paste 39
 - symbol chart 38
 - symbol method 39
 - symbol mode 37
 - tap method 32

- undo 39
- text entry indicator
 - defined 26
- text message
 - deleting 82
 - inbox setup 69
 - locking 82
 - reading 82
 - receiving 79
 - reminders 79, 100
 - sending 75
 - status 78
- text method, setup 41
- Text Msg Menu** 81
- time, setting 53
- timers 117
- transfer a call 67
- travel charger, using 19

U

- unblocking the SIM card 143
- undo copy, cut, or paste 39
- unlock application 143
- unlock code 21, 41, 44

V

- vibe sync 101
- vibrate alert
 - indicator 27
 - muting 22
 - setting 53, 101

- turning off 60, 101
- video 49
- video call key 49
- voice dial
 - dialling a number 88
 - recording voice name 87
- voice name
 - contacts indicator 83
 - defined 87
 - recording 87
- voicemail 65
- volume
 - earpiece 22
 - keys 22
 - ringer 22
 - speakerphone 22

W

- wait character 86
- wallpaper 47, 54, 148
- Web pages 145, 146